

# Safe Drinking Water Bond Law Program

## Final 2003 Updated Project Priority List

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	B	C	65000	COMPTON-CITY, WATER DEPT.	1910026 008	Rehabilitate domestic well, replace existing emergency connection between the City of Compton and the MPWT, purchase of water rights and acquisition of land, destroy two inactive wells.	2002	\$1,400,000
	B	C	5812	Holtville, City of	1310005 003	Annexation of service area. See attached description and water system improvement map (attachments 2 and 3). Attachment 4	1998	\$2,537,948
	B	C	5812	Holtville, City of	1310005 002	Annexation of service area. See attached description and map (attachments 2 and 3).	1999	\$3,225,356
	B	C	5812	Holtville, City of	1310005 005	See attached description (attachments 2).	2002	\$2,302,050
	B	C	4696	TUD - COLUMBIA	5510013 005	CONSTRUCT A WATER MAIN EXTENSION FROM THE COLUMBIA SYSTEM INTO THE SHAWS FLAT COMMUNITY.	2000	\$210,000
	B	C	3710	ACWA Sutter Creek	0310003 001	PROVIDE POTABLE WATER TO BOSSE PREVATILI AREA. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,200,000
	B	C	3710	ACWA Sutter Creek	0310003 007	Pipe treated water from Amador Water Agency's Mokelumne River source to serve these water consumers. JVID does not want to be a PWS, so AWA has applied for funds to bring acceptable water to the area and become the purveyor in Buena Vista.	2000	\$2,000,000
	B	C	650	LAKE MORENA OAK SHORE MUNICIPAL WATER CO	3700923 001	Replace faulty pipe.	2000	\$150,000
	B	C	400	ROYAL OAK	5700536 001	Connect with City of Davis	1999	\$138,000
	B	C	400	PALO VERDE COUNTY WATER DIST.	1300616 001	Replace existing wells, with two new wells drilled at a better location.	2001	\$100,000
	B	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 005	Build new well/cistern and add chlorination.	2002	\$100,000
	B	C	356	Princeton Water District	0600013 003	Install chlorination system on two wells.	1999	\$2,000
	B	C	356	Princeton Water District	0600013 004	Drill two new wells for the community water system.	1999	\$60,000
	B	C	308	GOLDEN POND RV/M OVERLAND	3601011 001	Construct connection to City of Adelanto, replace distribution system	1998	\$164,000
	B	C	250	Coulterville CSA 1	2210901 001	DEVELOP ANOTHER SOURCE AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
	B	C	200	R.R. Lewis Small WC	4600017 001	Replace 2300 feet of 2" and 3" pipe with 4" pipe. Install new storage reservoirs. Purchase emergency chlorination equipment.	1998	\$104,100
	B	C	200	Colusa Co. Service Area #2-Stonyford	0600005 002	Drill new wells, add storage tank, and replace some existing lines.	2001	\$400,000
	B	C	200	Canon Manor Water System	4910022 001	Install distribution grid and connect to existing Canon Manor water system.	2002	\$650,000
	B	C	131	CASSEL PARK MUTUAL WATER CO	4500173 001	Purchase a vacant lot and drill a new well which will meet bacterial MCL. Bacterial contaminated well can then be abandoned.	1998	\$60,000
	B	C	120	SKY RANCH WATER SYSTEM	5200562 001	Replace present (old) 30,000 gallon tank with 100,000 gallon tank. Install new well with pump for standby. Install hydroneumatic system on pressure tank. Install chlorination system.	1998	\$85,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	B	C	100	FLORISTON PROP.OWNER'S ASSN/BO DIRECTORS	2900502 001	Treatment (filtering) facility should be installed. Design and construction involved.	1998	\$100,000
	B	C	100	Artois Community S.D.	1100203 001	Drill a new well.	1998	\$30,000
	B	C	100	SLEEPY VALLEY WATER CO., INC.	1900903 002	Rebab wells, upgrade to minimize flooding, replace reservoir and distribution system.	2000	\$684,000
	B	C	95	Orland Mobile H.P.	1100445 001	Drill new well and install new electrical and holding tank.	1999	\$15,000
	B	C	87	WOODRIDGE MUTUAL WATER CO	4500235 002	Drill a replacement well.	2000	\$60,000
	B	C	75	Whispering Pines Apartments	2210921 001	RECONSTRUCT THE WELL, UPGRADE THE DISTRIBUTION SYSTEM, CONSTRUCT ADDITIONAL STORAGE, AND INSTALL A CHLORINATION SYSTEM.	1998	\$185,000
	B	C	72	Van Fossen & Mason	4700506 001	Upgrade existing, undersized and deteriorated distribution system so that consolidation can occur with adjacent large public water system.	2002	\$150,000
	B	C	70	MADONNA MUTUAL WATER CO.	5400814 001	Drill a new well. OTHER- Design and Construction	1998	\$300,000
	B	C	70	GOLD RUSH MOBILE HOME PARK	5500128 001	Connect to the Tuolumne Utilities District's Columbia water system.	2001	\$130,000
	B	C	60	FAIRWAY DOWNS MUTUAL WATER CO	5800572 001	Install chlorination system.	1998	\$2,000
	B	C	55	CACHAGUA RD WS #4	2701888 002	Design and construct new well, storage tank and distribution;	2001	\$300,000
	B	C	50	LINCOLN CHAN-HOME RANCH	3400137 001	Install new pipes, install new well, and a storage tank.	1998	\$30,000
	B	C	50	MODERN VILLAGE MWC	5200545 001	Connect to City of Red Bluff water system.	1998	\$100,000
	B	C	44	SUNRISE MOBILEHOME PARK	4500104 002	Consolidate with the nearest large water system.	2000	\$80,000
	B	C	41	FOREST KNOLLS MUTUAL WATER CO	0400078 001	Installation of two new 30,000 gallon steel tanks above ground or repair existing tank.	2000	\$60,000
	B	C	25	FEATHER RIDGE ESTATES WATER CO	0400081 001	Drill two new wells and replace existing 20,000 gallon storage tank.	1998	\$0
	B	P	1400	DURHAM UNIFIED SCHOOL DISTRICT	0400066 001	Replacement of well, pressure tank and delivery lines - some additional delivery lines.	1998	\$278,000
	B	P	400	BUNDY CANYON CHRISTIAN SCHOOL	3302019 001	Consolidation, connect to existing adjacent public water system. Dissolve existing water system.	2000	\$115,000
	B	P	300	Wilson Elementary School	4901136 001	Drill new well and install new pumps, storage tanks and delivery hardware.	1998	\$40,000
	B	P	210	EL NIDO ELEMENTARY SCHOOL	2400075 001	Construct a new well.	2003	\$40,000
	B	P	185	SPRING VALLEY SCHOOL	0400065 001	Installation of 1.9 mile pipeline to connect to Del Oro Lime Saddle WD.	1998	\$1,250,000
	B	P	125	OAK RUN ELEMENTARY SCHOOL	4500190 001	Drill a new well.	2000	\$2,500
	B	P	100	YOLO CO AIRPORT	5700714 001	Abandon old well and install a new one.	1998	\$325,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	B	P	100	YOLO CO AIRPORT	5700714 002	Construct new well with associated distribution piping	2001	\$450,000
	B	P	90	MULBERRY UNION SCHOOL	1300556 002	Treat water for drinking purposes through construction of filtration mechanism.	2000	\$50,000
	B	P	60	INDIAN SPRINGS SCHOOL	4500162 001	Install a batch system for chlorination and disinfection with point of use filter to meet bacterial MCL. Replace failing distribution system.	1998	\$10,000
	B	P	45	INDIAN DIGGINGS SCHOOL	0900106 001	New water storage tanks. They would like a localized heat tretment or chlorine system. Must be winterized due to cold temps in winter. This is a well system.	2003	\$10,000
	B	N	75	GRANITEVILLE HOME OWNER'S ASSO./P. STONE	2900510 001	Design and implement conversion of antique system to provide clean water at adequate pressure.	2006	\$260,360
	B	N	36	Trinity Knolls Mutual Water	5301102 001	Install chlorination system. Repair Swift Creek headworks.	1998	\$50,000
	B	N	29	OAK PARK WS	2700999 003	Purchase and install chlorination unit.	2000	\$7,000
	B	X	180	TUD-DITCH CONVEYANCE	0011120 001	INSTALL THREE WATERING STATIONS, TWO WATER MAIN EXTENSIONS, SIX WATER SERVICE EXTENSIONS, AND UP TO 20 WELLS.	1998	\$592,600
	B	S	0	TOPO RANCH WS	2701162 001	Replace tank or source	2000	\$15,000
	B	S	0	JOLON RD WS #5	2700939 001	Replace source or tank	2000	\$6,000
	B	S	0	METZ RD WS #9	2701180 001	Replace source or tank	2000	\$10,000
	B	S	0	CARMEL VALLEY WS #10	2702273 001	Replace source or tank	2000	\$10,000
	B	U	30	TUD-MOUNTAIN BOY RD. DITCH CONVEYAN	0011123 001	CONSTRUCT A WATER SYSTEM WITH A WATER TREATMENT PLANT, STORAGE, AND PIPELINES; OR EXTEND WATER LINES FROM THE BIG HILL WATER SYSTEM TO SERVE THE DITCH CUSTOMERS.	1998	\$132,000
	C	C	3828700	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067 002	CONSTRUCTING A 32 MGD PUMPING STATION, A 32 MGD FILTRATION PLANT, A 6 MG CLAEARWELL TANK AND ASSOCIATED PIPELINES TO TREAT THE WATER FROM THE LOWER STONE CANYON RESERVOIR BEFORE IT IS DELIVERED TO THE CONSUMER.	1998	111,000,000
	C	C	3828700	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067 003	CONSTRUCTING A 10 MGD FILTRATION PLANT, A 15 MG STORAGE TANK, PIPELINES AND UPSTREAM TRUNK LINE IMPROVEMENTS TO CONNECT THESE NEW FACILITIES TO THE DISTRIBUTION SYSTEM.	1998	\$50,000,000
	C	C	3828700	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067 005	This project is a component from project 01. It is called Unit 4 Hollywood trunk line. This leaves only Unit 3 Hollywood trunk line as proj. 01. The filtration plant has become project 04 itself.	2001	
	C	C	480000	Eastern Municipal WD	3310009 052	EMWD must develop additional source or potable supply to meet demands and is proposing construction of a SW Filtration Plant to treat raw State Water Project water & reduce demands on CRW.	2004	\$20,000,000
	C	C	86000	GOLETA WATER DISRICT	4210004 007	Construct pipeline, booster station, reservoir and surge tank to bring treated water to the Goleta West line.	1998	\$4,000,000
	C	C	85000	El Dorado ID - Main	0910001 021	Evaluation of a proper design for double reservoir system; line, cover and create a bypass. Involves design and construction.	1998	\$4,800,000
	C	C	85000	El Dorado ID - Main	0910001 010	(Sac Hill) Evaluation of need to retain reservoir or replace with pump station; design and construct reservoir if necessary.	1998	\$500,000

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B	C	C	85000	El Dorado ID - Main	0910001 009	(Thomas Hill) Evaluation of the need to retain reservoir; design and construction of reservoir protection if necessary.	1998	\$1,700,000
	C	C	85000	El Dorado ID - Main	0910001 008	Cover reservoir with a rigid cover a create a bypass.	1998	\$800,000
	C	C	85000	El Dorado ID - Main	0910001 007	Cover reservoir with a rigid cover and create a bypass.	1998	\$600,000
	C	C	85000	El Dorado ID - Main	0910001 006	(Res 12) Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$3,800,000
	C	C	85000	El Dorado ID - Main	0910001 005	Evaluation of appropriate reservoir capacity; construct, line, cover and create a bypass.	1998	\$600,000
	C	C	85000	El Dorado ID - Main	0910001 003	Line and cover reservoir with a rigid cover and construct a bypass.	1998	\$2,800,000
	C	C	85000	El Dorado ID - Main	0910001 020	Evaluation of appropriate reservoir capacity, cover, and create a bypass. Involves design and construction.	1998	\$1,400,000
	C	C	85000	El Dorado ID - Main	0910001 004	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	1998	\$800,000
	C	C	28334	City of Eureka	1210004 003	Participate in construction of a turbidity reduction/filtration facility	1998	\$3,000,000
	C	C	27067	Placer CWA - Auburn/Bowman	3110005 005	Construct replacement plant to current SWTR and ESWTR standards.	2003	\$7,500,000
	C	C	26723	ATASCADERO MUTUAL WATER CO	4010002 001	Design and construct a new water treatment plant.	2000	\$4,800,000
	C	C	26266	Paradise Irrigation District	0410007 005	Refinance of water treatment plant.	2001	\$12,400,000
	C	C	16400	City of Arcata	1210001 001	Participate in construction of a turbidity reduction/filtration facility	1998	\$2,400,000
	C	C	10017	Healdsburg, City of	4910005 001	Installation of microfiltration treatment facilities at each well field	2001	\$5,000,000
	C	C	10000	North Tahoe PUD - Main	3110001 005	Refinance loan.	1998	\$614,300
	C	C	10000	North Tahoe PUD - Main	3110001 009	Install underground piping and booster station. Involves design and construction.	1998	\$186,000
	C	C	10000	North Tahoe PUD - Main	3110001 010	Install a one million gallon covered reservoir. Involves design and construction.	1999	\$569,000
	C	C	10000	North Tahoe PUD - Main	3110001 011	Construct well, 500 and 1000 gpm. Involves design and construction.	1999	\$400,000
	C	C	10000	North Tahoe PUD - Main	3110001 013	Increase the Ozone CT valves and equipment specification to address crypto inactivation and construct a facility to meet SWTR avoidance criteria. Involves design and construction.	2000	\$3,050,000
	C	C	9920	Nevada ID - Loma Rica	2910006 012	Construct pipeline and hydropneumatic station to provide treated water service	2001	\$1,900,000
	C	C	9920	Nevada ID - Loma Rica	2910006 021	Construct pipelines to provide treated water service	2001	\$170,000
	C	C	9920	Nevada ID - Loma Rica	2910006 020	Construct pipeline to provide treated water serviced	2001	\$920,000
	C	C	9920	Nevada ID - Loma Rica	2910006 019	Construct pipelines to provide treated water service	2001	\$230,000
	C	C	9920	Nevada ID - Loma Rica	2910006 018	Construct pipeline and pressure reducing station to provide treated water service	2001	\$430,000
	C	C	9920	Nevada ID - Loma Rica	2910006 017	Construct pipelines and pressure reducing station to provide treated water service	2001	\$1,100,000
	C	C	9920	Nevada ID - Loma Rica	2910006 016	Construct pipelines to provide water service	2001	\$431,000
	C	C	9920	Nevada ID - Loma Rica	2910006 015	Construct pipeline and pressure reducing station to provide treated water service	2001	\$1,400,000
	C	C	9920	Nevada ID - Loma Rica	2910006 013	Construct pipelines to provide treated water service	2001	\$740,000
	C	C	9920	Nevada ID - Loma Rica	2910006 011	Construct pipelines to provide treated water service	2001	\$950,000

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B	C	C	9920	Nevada ID - Loma Rica	2910006 014	Construct pipelines to provide treated water service	2001	\$215,000
	C	C	8800	Nevada ID - E. George, Banner Mountain	2910004 006	Construct pipeline and pressure-reducing station to provide treated water service	2001	\$2,400,000
	C	C	8800	Nevada ID - E. George, Banner Mountain	2910004 005	Construct pipeline and pressure reducing station to provide treated water service	2001	\$700,000
	C	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020 003	Provide filtration and disinfection treatment which complies with the SWTR or provide additional piping to utilize the well as an agricultural only source.	1998	\$750,000
	C	C	5383	SOLVANG WATER DEPARTMENT	4210013 001	Install 1.85 MGD filtration and disinfection TP to comply with the SWTR.	1999	\$1,980,300
	C	C	4740	Nevada ID - North Auburn	3110026 005	Provide treated water	2001	\$450,000
	C	C	4740	Nevada ID - North Auburn	3110026 010	Construct pipelines to provide treated water service	2001	\$152,000
	C	C	4740	Nevada ID - North Auburn	3110026 008	Construct pipeline and pressure reducing station to provide treated water service	2001	\$1,500,000
	C	C	4740	Nevada ID - North Auburn	3110026 007	Construct pipelines to provide treated water service	2001	\$220,000
	C	C	4740	Nevada ID - North Auburn	3110026 004	Construct pipelines to provide treated water service	2001	\$450,000
	C	C	4740	Nevada ID - North Auburn	3110026 006	Construct pipeline and pressure reducing station to provide treated water service	2001	\$4,400,000
	C	C	4740	Nevada ID - North Auburn	3110026 009	Construct pipelines to provide treated water service	2001	\$1,100,000
	C	C	2737	Centerville C.S.D.	4510011 002	Extend existing system to serve affected area	2001	\$1,049,900
	C	C	2500	Tahoe Park Water Company	3110018 001	Install filters. Involves design and construction.	1998	\$1,000,000
	C	C	2000	Agate Bay Water Company	3110012 001	Install filter system or drill well to circumvent surface water requirement.	1998	\$450,000
	C	C	1600	North Tahoe PUD - Dollar Cove	3110036 002	Refinance loan.	1998	\$100,200
	C	C	1600	North Tahoe PUD - Dollar Cove	3110036 001	Install disinfection equipment. Involves design and construction.	1999	\$575,000
	C	C	1500	Stinson Beach County Wtr Dist	2110004 004	Increase source capacity with new well.	1999	\$65,000
	C	C	1258	SLO CWWD NO. 6 - SANTA MARGARITA	4010024 001	Locate and identify a new groundwater source, purchase right of way, design & construct well and new transmission line.	1998	\$500,000
	C	C	1258	SLO CWWD NO. 6 - SANTA MARGARITA	4010024 002	Locate and/or develop a new source of supply. May include purchase of right of way, design and construction work.	2002	\$3,000,000
	C	C	1000	Lake Forest Utility Company, Inc.	3110032 001	Install filters. Involves design and construction.	1998	\$350,000
	C	C	1000	Tahoe Swiss Village Utility	3110042 001	Build a filter plant.	1998	\$390,000
	C	C	1000	Manila Community Services Dist.	1210017 001	Participate in constructio of a turbidity reduction/filtration facility	1998	\$100,000
	C	C	1000	Tahoe Swiss Village Utility	3110042 002	Build a 300,000 to 500,000 gallon storage tank.	1998	\$300,000
	C	C	795	Nevada ID - Snow Mountain	2910027 005	Construct pipelines to provide treated water service	2001	\$396,000
	C	C	795	Nevada ID - Snow Mountain	2910027 004	Construct booster pump station, storage tank and pipelines to provide treated water service	2001	\$4,500,000
	C	C	795	Nevada ID - Snow Mountain	2910027 003	Construct hydropneumatic pump station and pipeline to provide treated water	2001	\$810,000
	C	C	575	Gasquet C.S.D.	0800555 009	Build additional filtration, storage, and distribution line capacity.	1999	\$486,500
	C	C	555	CARMEL RIVIERA MWC	2701254 002	Filter plant has been rebuilt after clean-up and salvage of damaged system.	2000	\$150,000

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B	C	C	500	Big Rock C.S.D.	0800532	002 Design and installation of a filtering system at the chlorination building.	1998	\$45,000
	C	C	495	Lakeside Park Association	0910019	001 LPA is seeking grant monies for all or part of the loan. Amortization of the loan will be very burdensome.	1998	\$2,874,160
	C	C	431	SKYLONDA MUTUAL	4100533	002 Drill a new well.	2001	\$17,000
	C	C	400	LSID - Tonyville	5410007	002 Connection to City of Lindsay	2002	\$200,000
	C	C	378	Lake County CSA 7 - Bonanza Springs	1700544	001 Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$50,000
	C	C	350	ROVANA VILLAGE	1400006	001 Refinance	1998	\$571,325
	C	C	328	Lake County CSA 18 - Starview	1700574	001 Install filtration system. Rehabilitate distribution system.	1998	\$1,000,000
	C	C	300	Mineral County Water District	5200503	002 Construct surface water treatment plant, replace raw water pipeline to site, replace existing redwood storage tank.	2001	\$950,000
	C	C	300	LAS CUMBRES MUTUAL WATER CO	4400631	001 Design/construct appropriate SW treatment system	2002	\$700,000
	C	C	201	Alderpoint County Water	1200501	001 Design and construct filtration and disinfection facilities to meet SWTR.	2000	\$300,000
	C	C	186	COUNTY SERVICE AREA 7	4100509	001 Design and construct a new diversion structure on La Honda Creek. Lay new piping (3") along Pescadero Creek Road to Alpine Creek Bridge. Will require an intake pump and installation.	1999	\$400,000
	C	C	172	Trinity Village Water Co.	5304102	001 Filters for Trinity River source and storage for contact time.	2004	\$150,000
	C	C	168	OLYMPIA MUTUAL WATER COMPANY	4400581	001 surface water treatment system, and redevelopment of springs to limit exposure to contamination and optimize supply	2002	\$50,000
	C	C	150	Tahoe Park Water Co - Skyland/Neilson	3110049	001 Install filters. Involves design and construction.	1998	\$200,000
	C	C	150	Jackson Valley Irrigation District	0310022	001 Pump good quality Mokelumne River water to a reservoir, which will be constructed along with treatment plant and associated distribution system.	2002	\$2,000,000
	C	C	135	Idylwild Water System	4300520	001 install filtration system	2000	\$125,000
	C	C	130	ARROYO CENTER WC	2701658	003 Add filtration to the system/Install filtration unit	2000	\$70,000
	C	C	129	COASTLANDS MUT-POST CREEK	2701279	001 Install SWT system.	1998	\$100,000
	C	C	125	SAN DIMAS CANYON IMPROVEMENT ASSOCIATION	1900064	001 Conduct Sanitary Survey and GWUDI study to study treatment solutions	2000	\$15,000
	C	C	125	SAN DIMAS CANYON IMPROVEMENT ASSOCIATION	1900064	002 Drill and equip new well, or install filtration/disinfection on existing source.	2000	\$80,000
	C	C	123	CLEAR RIDGE WA	2701898	001 Install water filtration and disinfection system. Also, need new, larger pipes & valves and storage tanks. Or--drill new well to avoid SWTR.	1998	\$100,000
	C	C	115	DARWIN COMMUNITY SERVICES DISTRICT	1400098	002 Construct SWTP	1998	\$300,000
	C	C	100	Taylorsville	3205004	002 Create new system	1998	\$850,000
	C	C	100	Taylorsville	3205004	001 Create new water system.	1998	\$50,000

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B	C	C	100	PALM VILLA MOBILE HOME PARK	1300558 001	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	1998	\$65,000
	C	C	100	Noel Heights - Cal Water Service	4900785 001	filtration plant	2003	\$300,000
	C	C	99	Lewiston Valley Water Co., Inc.	5301002 001	Construct new filter system. Replace transmission main. Add new storage tank.	1998	\$200,000
	C	C	88	Lake County CSA 22 - Mt. Hannah	1700563 001	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$1,000,000
	C	C	85	Riverview Acres Water System	5304501 001	Design and install a filter system. Install transmission main to increase chlorine contact time.	1998	\$38,000
	C	C	85	Riverview Acres Water System	5304501 002	Consolidate and upgrade 6 systems per alternative #11 on PP 22 of attached study	2001	\$2,000,000
	C	C	69	LAUREL COMMUNITY LEAGUE	4400528 001	Install approved surface water treatment and disinfection on both sources.	2002	\$120,000
	C	C	65	Harmony Hills Water System	3500503 001	Drill new wells.	1998	\$200,000
	C	C	48	RANCHO CHAPPERAL MWC	2701278 002	Conduct study to determine best solution and implement chosen alternative, e.g. drill well, design/construct filtration treatment system.	2000	\$100,000
	C	C	45	Sunrise Shore Mutual Water Company	1700536 001	Install conventional filtration. Replace distribution system.	2000	\$150,000
	C	C	41	BRANDON CREEK MWS	2701731 001	Install filtration system.	1998	\$100,000
	C	C	38	Greenhaven Homeowner's W.A.	3200195 001	Drill deeper well and increase storage capacity.	1998	\$15,000
	C	C	38	ROSARIO PARK WATER SYSTEM	4200579 001	Install a filtration and disinfection treatment system which complies with the SWTR.	1998	\$25,000
	C	C	38	ROSARIO PARK WATER SYSTEM	4200579 002	Construct a deep well to replace existing non compliance spring. Replace distribution system	2003	\$250,000
	C	C	36	CHEROKEE ACRES MHP WS	2700970 001	Install a filtration/disinfection facility	2001	\$150,000
	C	C	35	Pine Grove Water System	1700526 001	Hire hydrologist and spring developer to encase and enhance spring. Put liners in tanks. Rebuild distribution system.	1998	\$100,000
	C	C	35	NICKELL'S MOBILE HOME PARK	1300557 001	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	1998	\$45,000
	C	C	25	SIERRA EAST MOBILE HOME PARK	2600622 001	Drill new deep vertical well	1998	\$25,000
	C	P	9900	BUTTE COMMUNITY COLLEGE	0400070 001	New Well	2004	\$150,000
	C	P	275	CAMPS SCOTT & SCUDDER	1900011 001	CONNECT OLD SYSTEM TO ADJACENT MUNICIPAL WATER SYSTEM	1998	\$210,000
	C	P	95	CAPTAIN COOPER SCHOOL	2702322 001	Replace well. Install filtration unit.	1998	\$200,000
	C	P	45	Whale Gulch Elementary School	2300847 001	Develop a spring that will qualify as a groundwater source.	2002	\$50,000
	C	N	579	Cuyamaca SP - Paso Picacho	3710311 001	Drill a new well away from stream bed.	2003	\$15,000
	C	N	400	CAMP YOLIJWA	3600757 002	Construct new well	1998	\$15,000
	C	N	200	CAMP ARBOLADO	3600530 001	Construct SWTP and replace mainline in distribution system	1998	\$268,525
	C	N	25	Ruth Lake Marina	5305003 001	Relocate well sources above projected maximum flood level. Extend system to incorporate nearby individual residence systems.	1998	\$20,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	C	N	25	BIG BEND WATER USERS ASSOCIATION	3100034 001	Redevelop and restore the structural integrity of surface water sources (springs) to assure water quality and safety- including installation of treatment sytem(s) and procedures. In lieu of this, locate and develop a substitute groundwater source, install	2002	\$100,000
	C	N	25	Camp Mendocino	2300839 001	Install approved treatment of approved alternative.	2003	\$100,000
	C	N	2	BIG BEND RESORT CORP	3600376 001	Construct new SWTP	1998	\$300,000
	C	S	17	River Oaks Resort	5301005 001	Drill a new well source away from river. Reline the concrete storage tank. Replace water mains and install new booster pump.	1998	\$50,000
	C	S	0	ARROYO SECO WS #15	2702422 001	Install filtration/disinfection unit	2000	\$15,000
	D	C	149473	POMONA- CITY, WATER DEPT.	1910126 005	CONSTRUCTED A 3.5 MG RESERVOIR	1998	\$2,202,000
	D	C	149473	POMONA- CITY, WATER DEPT.	1910126 006	PILOT STUDY OF FILTRATION METHOD WAS RUN AND MODIFICATIONS ARE NEARLY COMPLETED BASED ON FINDINGS OF THE STUDY	1998	\$3,850,000
	D	C	103616	AZUSA LIGHT AND WATER	1910007 002	Upgraded Filter #1 and Filter #2: increased media depth, provided provision filter to waste and continuous turbidity monitoring, installed control panel.	1998	\$450,000
	D	C	103616	AZUSA LIGHT AND WATER	1910007 003	Constructed new pump station and 4MG reservoir to meet contact time for CT calculations.	1998	\$4,000,000
	D	C	51226	Arcade WD - Town & Country	3410001 005	Install a 10 mgd water treatment plant. Involves design and construction.	1998	\$10,500,000
	D	C	13500	Bella Vista Water District	4510014 006	Improve system to meet CT disinfection regulation; filter rate of flow controllers; filter to waste and recycle basin; add two new filters; coagulant addition; and variable speed pump.	1999	\$2,280,000
	D	C	12320	CASITAS MUNICIPAL WATER DIST	5610024 002	Construct a 170,000 gallon backwash storage tank and install a VFD pump (1000 gpm) at Avenue No. 1 pump plant.	1998	\$300,000
	D	C	8700	Thermalito I.D.	0410008 002	Purchase and install clarifyer to direct filtration plant.	1998	\$800,000
	D	C	8500	Georgetown Divide PUD	0910013 001	Empty filters, the underdrains and surface washers need to be removed and replaced and new flow meters added. Involves design and construction.	1998	\$80,000
	D	C	4300	Union Public Utility District	0510001 001	CONSTRUCT 1MG, BAFFLED CLEARWELL OTHER = DESIGN AND CONSTRUCTION	1998	\$538,970
	D	C	3200	Meadow Vista County Water Dist	3110009 003	Install 2mgd package plant to operate in parallel, but independent of existing facilities.	1998	\$680,000
	D	C	2588	Kelseyville Co Waterworks District 3	1710007 001	Install filtration system an/or connect to Soda Bay water system. Replace Valley Vista Tanks.	1998	\$1,000,000
	D	C	2000	IVCSD-Greenville	3210001 001	Add additional filter. Replace a portion of the distribution system.	1998	\$250,000
	D	C	2000	IVCSD-Greenville	3210001 003	Install control equipment to improve treatment plant, reservoir coating, etc.	1998	\$70,000
	D	C	2000	Christian Valley Park CSD	3110034 001	Install one new filter. Involves design and construction.	1998	\$200,000
	D	C	1970	Lucerne Water Co. - Cal Water Service	1710005 002	Installation of membrane filters to replace old dual media filters along with automatic control and necessary instrumentation.	2003	\$1,200,000
	D	C	1576	Willow Creek C.S.D.	1210015 001	See attachment	2003	\$1,500,000
	D	C	1500	Garberville Water Co.	1210008 002	Install an additional filtration cell or clarifier unit	2001	\$135,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	D	C	1000	Cuesta La Honda Guild, Inc.	4110012 001	Replace filtration and related plumbing, infrastructure. Add a second storage tank.	1998	\$350,000
	D	C	555	CARMEL RIVIERA MWC	2701254 003	Temporary lines were replaced with proper sized lines, providing adequate contact time.	2000	\$165,000
	D	C	500	Napa County Public Works-NBRID	2810013 001	Construct new treatment plant filter, Reconfigure piping at clearwell to increase chlorine contact time.	1998	\$2,000,000
	D	C	500	Pleasure Cove Resort	2810011 001	new surface water treatment plant	2000	\$150,000
	D	C	454	El Dorado ID - Outingdale	0910018 001	consolidate with EID Main system; 5 miles of 10 inch water main	2003	\$5,500,000
	D	C	450	WASHINGTON WATER DISTRICT	2900523 002	Construct detention storage or alternative disinfection system.	1998	\$190,000
	D	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 001	Install an additional dual media filter	1998	\$78,775
	D	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 009	New treatment room constructed in Senior Canyon further upstream.	1998	\$9,000
	D	C	450	Lewiston Park MWC	5301003 001	Construct new filtration facilities and/or develop new groundwater sources. Add emergency standby generator capability.	2000	\$100,000
	D	C	429	SANTA CRUZ COUNTY SANITATION	4400571 002	Install new pump, filters, and clarifier.	2000	\$150,000
	D	C	429	SANTA CRUZ COUNTY SANITATION	4400571 004	Install a new filter plant and improve intakes	2001	\$500,000
	D	C	400	CHIRIACO SUMMIT WATER DIST.	3301115 001	The new project will include a 300,000 gallon storage reservoir, plus a new pipe system from the canal to the reservoir which will split water into potable and non potable for use at the Chiriaco site. All new plastic piping will be included as well	1998	\$385,000
	D	C	350	VILLA DEL MONTE MWC	4400595 002	Evaluate alternatives and design and construct improvements to bring system into compliance. Design and construct cover for reservoir to prevent algae growth.	2002	\$300,000
	D	C	336	SHADY GLEN COMM WATER SYSTEM	3100040 001	Enlarge filtration and improve disinfection process, increase storage for chlorine contact time and during surface water interruptions.	1998	\$80,000
	D	C	330	JUNE LAKE PUD VILLAGE	2610002 001	Construct projects per above	1998	\$1,000,000
	D	C	310	Donner Summit Public Utility District	2910016 001	Install a second filtration and disinfection system.	1998	\$50,000
	D	C	300	Northstar C.S.D.	3110028 002	Construct coagulation and sedimentation complete with alarms.	1998	\$900,000
	D	C	300	Elk Creek Community S.D.	1100616 001	Installation of new surface water treatment plant and miscellaneous appurtenances.	1998	\$383,525
	D	C	250	KYBURZ MUTUAL WATER SYSTEM	0900300 001	New storage tank and deep cased well/pump.	1998	\$125,000
	D	C	250	Sonoma County CSA 41-Jenner	4900532 001	Install a raw water or decant tank ahead of treatment plant.	1998	\$20,000
	D	C	218	TUD - MONTE GRANDE	5510030 001	CONSOLIDATE WITH TUD'S WILLOW SPRINGS SYSTEM VIA PIPELINE/PUMP STATION*	2000	\$476,000
	D	C	201	Alderpoint County Water	1200501 002	Design and construct filtration and disinfection facilities to meet SWTR and construct new storage tank, repair existing storage tank and replace several pressure relief valves.	2003	\$500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	D	C	200	IMPROVEMENT DIST #1(Three Rivers CSD)	5400968 001	New source or improve treatment of riverwell; storage tank and replace old main lines. OTHER - Design and Construction	1998	\$700,000
	D	C	178	SUMMIT MUTUAL WATER COMPANY	4400559 001	Improve or replace filter plant, transmission line, control systems etc.	2001	\$25,000
	D	C	152	ALPINE MEADOWS PROPERTY OWNERS ASSO	3100041 001	Install 6" water line from plant to storage tank; install water meters and replace distribution system. Involves design and construction.	2002	\$370,000
	D	C	150	Cache Creek Mobile Home Park	1700581 001	Construct approved surface water treatment plant	2000	\$80,000
	D	C	140	Napa County Public Works-LBRID	2800526 001	Replace existing filter with new one. Install additional plant equipment. Replace galvanized steel piping in distribution system.	1998	\$2,000,000
	D	C	135	SID-Pleasant Hills Ranch	4810025 001	Install central treatment..	2000	\$375,000
	D	C	129	COASTLANDS MUT-POST CREEK	2701279 002	Install 150,000 gallon tank	2002	\$150,000
	D	C	125	HAT CREEK WATER COMPANY	4500022 001	Replace existing substandard filtration system and add an additional chlorine contact tank with enclosure building to meet the SWTR regulations.	1998	\$28,500
	D	C	125	Redcrest Water Works	1200544 001	Improvement/enhancement?Modification of existing slow sand filtration system to achieve compliance with turbidity rule.	2004	\$75,000
	D	C	123	CLEAR RIDGE WA	2701898 002	Install surface water filtration system	2003	\$150,000
	D	C	120	WEST MAIN MUTUAL WATER CO	1300530 001	We propose to connect to City water system (El Centro).	1998	\$350,000
	D	C	120	Coast Springs - Ca. Water Service Co.	2110007 003	Drill new deep well 1,000 ft.	1998	\$110,000
	D	C	120	Coast Springs - Ca. Water Service Co.	2110007 002	Construct a new treatment plant.	1998	\$76,000
	D	C	108	LOMA MAR MUTUAL	4100512 002	Rebuild sedimentation tank	1998	\$45,000
	D	C	100	O'NEILL FEEDING COMPANY	1009026 001	INSTALL PRESSURE CLARIFIER ON SYSTEM, ADD TWO NEW 42" DIAMETER DUAL MEDIA PRESSURE FILTERS. INSTALL NEW PRESSURE TANK AND TWO NEW 20,000 GAL. GALVANIZED STORAGE TANKS. PREPARE DISTRIBUTION SYSTEM OPERATIONS PLAN. OTHER - DESIGN AND CONSTRUCTION.	1998	\$500,000
	D	C	90	Rancho Del Paradiso - Cal Water Service	4900514 001	Install approve filtration system, replace existing 5,000 gal tank with 10,500 gal concrete tank and new transmission lines.	1999	\$158,500
	D	C	90	Rancho Del Paradiso - Cal Water Service	4900514 002	Treatment Plant	2003	\$300,000
	D	C	85	KNIGHTS FERRY COMM. SVC. DIST.	5000008 001	CONSTRUCT LARGER CLEARWELL. UPGRADE SURFACE WATER TREATMENT PLANT AS NECESSARY	1998	\$300,000
	D	C	83	BRACKENBRAE COUNTRY CLUB	4400604 001	Construct treatment plant. Technology to be determined by outcome of separate study.	2000	\$55,000
	D	C	80	Tennant C.S.D.	4700531 001	Add coagulant feed facilities or construct slow sand filters.	1998	\$50,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	D	C	70	Westport County Water District	2300730 001	Reconstruct infiltration gallery. Add new contact vessel to plant to change it to direct filtration treatment system. Install new disinfection system to ensure compliance with swtr.	1998	\$250,000
	D	C	70	Callahan Water District	4700503 001	Add storage or replumb to increase contact time for disinfection. Review condition of components of filter plant and repair or replace defective components to ensure proper filtration.	1998	\$250,000
	D	C	70	VALLEY MOBILE PARK	1300572 001	Construct a new surface water treatment plant.	2000	\$100,000
	D	C	70	Briceland C.S.D.	1200587 001	Design and Construct source protection. Optimize slow sand filter media construct settling basin an filter and storage capacity	2001	\$200,000
	D	C	55	Sonoma County CSA 41-Freestone	4900549 002	Drill a new well and use it as primary, sole source. Use spring as standby source.	1998	\$10,000
	D	C	40	Whispering Pines Retire Home (LSWS)	3500810 001	Install arsenic removal treatment on well owned by system as alternative to installation of approved surface water treatment	2002	\$50,000
	D	C	35	Seawood Estates Mutual Water	1200588 001	Consolidate systems and upgrade treatment to meet SWTR.	1998	\$196,000
	D	C	35	Big River Vista Mutual Water Company	2300596 001	Drilled well in 1996.	1998	\$28,000
	D	C	30	Kimtu Meadows MWC	1200517 001	Identify what kind of system would work and implement.	2000	\$100,000
	D	C	30	Plumas County Flood Control	3210002 001	Upgrade system with contact clarifiers, rehab filters, expand GAC capacity, install alternative disinfection, new chemical feed equipment	2000	\$4,700,000
	D	C	18	Crescent Bay Improvement Company	1700519 001	Improvements to existing treatment facility	2001	\$50,000
	D	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045 001	ADD ONE 9 MG CLEARWATER RESERVOIR FOR A TOTAL OF 18 MG STORAGE AT A 65 MGD WATER TREATMENT PLANT	2000	\$1,800,000
	D	P	100	Fort Ross School District	4900679 001	Hook into a community water system which is properly maintained, has sufficient water and has a management system.	2000	\$20,000
	D	P	69	Casterlin School	1200546 001	Install new water treatment system on well source and disconnect surface water source.	1998	\$100,000
	D	P	30	Mattole Triple Junction High School	1206008 001	Installation of monitoring equipment immediately so data may be collected, once a solution is determined, would start construcion spring of 2003.	2003	\$125,000
	D	N	480	Erreca Rest Area	2400057 001	Install a clarifier and new turbidimeters.	2004	\$50,000
	D	N	250	Ruth Lake Recreation Area	5305004 001	Relocate well source above maximum flood line. Consolidate individual systems.	1998	\$25,000
	D	N	200	CSP-Wrights Beach State Park	4910308 001	Locate and construct new water source well and distribution system.	1999	\$100,000
	D	N	60	Azalea Glen	1200704 001	Install a well and construct a closed system.	1998	\$28,250
	D	N	50	Caltrans-Collier Tunnel RS	0800661 001	New pressure filter - 10 GPM	1998	\$35,000
	D	N	25	Bud Fine MWC	5301010 001	Upgrade filter system, replace storage tank, and replace deteriorated mains.	1998	\$100,000
	D	N	25	CAMP LOMA MAR	4100529 001	Add 4500 gallon storage tank, expand sand filter	1999	\$50,000
	D	X	500	Sereno Del Mar/Carmet/Salmon Creek	0003046 001	Construct 2.8 miles of water main to connect all 3 public water systems into the existing gravity storage at Sereno Del Mar and Carmet. Use Salmon Creek source as primary supply.	1999	\$300,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	F	C	438000	FRESNO, CITY OF	1010007 010	Install nitrate removal treatment systems.	2003	\$3,800,000
	F	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 010	Construct nitrate removal facility	2002	\$5,000,000
	F	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009 002	Construct nitrate removal treatment facility and carbon filtration system for PCE removal	2000	\$1,000,000
	F	C	30000	CAMROSA WATER DISTRICT	5610063 001	Provide electrodialysis reversal treatment of groundwater with denitrification of resulting brine.	1998	\$2,800,000
	F	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 007	Rehabilitate well to isolate contaminated zones in the aquifer and install denitrification system. Project involves: Design, and Construction	1998	\$350,000
	F	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 003	Install denitrification system. Project involves: Design to solve problem, and Construction	2000	\$1,800,000
	F	C	24000	Rubidoux Community SD	3310044 004	Installation of treatment.	1999	\$1,100,000
	F	C	17334	City of Hollister	3510001 012	Construct membrane filtration plant to treat water from a surface source. Blend treated surface water with well water to reduce nitrate concentration in water delivered to distribution system.	2000	\$6,500,000
	F	C	13067	GROVER BEACH WATER DEPARTMENT	4010004 002	Replace computer and software monitoring and control system	1998	\$20,000
	F	C	13067	GROVER BEACH WATER DEPARTMENT	4010004 003	Sandblast/remove damaged paint and corrosion, then apply new coating system	1998	\$35,000
	F	C	13067	GROVER BEACH WATER DEPARTMENT	4010004 004	Repair/replace mechanical and central system components	1998	\$300,000
	F	C	13067	GROVER BEACH WATER DEPARTMENT	4010004 005	Replace unit with new Chemscan UV-3100 and process analyzer	1998	\$30,000
	F	C	12825	City of Greenfield	2710008 001	Install a water main to this property to hook up residences to City water.	1998	\$250,000
	F	C	12825	City of Greenfield	2710008 002	Install a water main to this property to hook up residences to City water.	1998	\$120,000
	F	C	12331	City of Soledad	2710011 002	Replace private wells with connection to municipal water.	1998	\$200,000
	F	C	12331	City of Soledad	2710011 001	Replace private wells with connection to municipal water.	1998	\$220,000
	F	C	10500	Riverview WD	3710030 010	Nitrate treatment.	2002	\$2,000,000
	F	C	6300	Cutler PUD	5410001 001	INSTALL NEW WELL, BLENDING TANK, AND APPURTENANT FACILITIES to replace high nitrate and DBPC wells. - DESIGN AND CONSTRUCTION.	1999	\$1,390,000
	F	C	5786	Orosi Public Utility District	5410008 004	Replace small diameter mains with minimum 8-inch diameter mains in the areas affected	2002	\$625,000
	F	C	5500	VALENCIA HEIGHTS WATER CO.	1910163 002	Install nitrate removal facility.	2004	\$1,000,000
	F	C	2895	Yuba City Groundwater-Region 5	5110005 001	Add nitrate removal treatment to existing wells. Construct two new wells and pipeline appurtenances.	1998	\$2,663,900
	F	C	2195	City of San Juan Bautista	3510002 001	install filtration plant for surface water supply.	2000	\$500,000
	F	C	1600	Pratt Mutual Water Co	5410033 003	Drill new well	2001	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	F	C	1000	Cal-Am Water Company - Chualar	2701202 001	Locate a remote well site and drill and install a new well head and system.	1998	\$900,000
	F	C	1000	Cal-Am Water Company - Chualar	2701202 002	Rehabilitation/relining community source water supply well; new well or treatment if necessary	2000	\$250,000
	F	C	1000	South Midway City Mutual Water Co.	3000825 001	Installation of a reliable chlorination system on the only well source for the system.	2001	\$4,000
	F	C	832	Plainview Mutual Water Company	5410039 001	DRILL NEW WELL, INSTALL ADEQUATE STORAGE, REPLACE WATER DISTRIBUTION SYSTEM. OTHER-DESIGN, CONSTRUCTION, TEST WELL	1998	\$500,000
	F	C	667	City of Modesto, DE Grayson	5010033 001	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE. PIPE THE WATER TO GRAYSON AND WESTLEY, THE OTHER COMMUNITY IN AREA WITH WATER QUALITY PROBLEMS. OTHER = DEISGN AND CONSTRUCTION	1998	\$4,100,000
	F	C	500	PAJARO/SUNNY MESA WD	2700773 001	New water system would provide reliable, potable water for all residents. It would eliminate the older, shallow wells and possibly avoid the nitrate problem.	1998	\$1,350,000
	F	C	438	VEGA RD MWS #1	2700787 002	Drill and equip a new well.	2000	\$225,000
	F	C	350	WATERTEK - GRANDVIEW GARDENS WATER	5400666 001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	F	C	320	VISTA GRANDE WATER SYSTEM	5200012 001	Construct new well.	1998	\$20,000
	F	C	300	TEVISTON C.S.D.	5400641 001	REPLACE DETERIORATED AND UNDERSIZED PIPES	1998	\$130,000
	F	C	300	TOOLEVILLE WATER CO.	5400567 001	Drill a new well or connect to City of Exeter	2002	\$250,000
	F	C	250	FAIRWAYS TRACT MUTUAL	5400663 001	INSTALL NITRATE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	F	C	250	RANCHO SAN ANDREAS	4400660 002	Properly destroy abandoned well in vicinity of source. Design and construct nitrate removal treatment system.	2000	\$9,000
	F	C	250	QUEEN MOTEL	2700706 002	Construct a new pipeline to tie into California Water System-King City	2001	\$230,000
	F	C	250	EL NIDO MOBILE HOME PARK	2400053 001	Construct a new well or install treatment facilities.	2003	\$225,000
	F	C	210	RANCHO ESTATES MUTUAL WATER CO	3700936 001	Install a parallel domestic water distribution system for irrigation.	1998	\$598,935
	F	C	200	SPRINGFIELD MWC	2700771 001	We need funds for evaluation, design, and repairs.	1998	\$200,000
	F	C	200	LEMON COVE WATER CO.	5400616 001	Drill a new well and connect to system OTHER- Design and Construction	1998	\$150,000
	F	C	200	METTLER VALLEY MUTUAL	1900100 001	Requires the hyperchlorination and/or scrubbing of the tanks and chlorinating the distribution system to eradicate the bacteria.	2001	\$20,000
	F	C	180	WILLIAMS MUTUAL WATER CO.	5400718 001	DRILL NEW WELL AND INSTALL NEW MAINS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$440,000
	F	C	104	Mecchi Water Company	4300912 002	Replace tank. Resolve chlorination problems. Purchase back-up generator. Connect residences on well site to sewer system and abandon septic tank.	1998	\$40,000
	F	C	104	Mecchi Water Company	4300912 001	Replace 2" main with 4" main. Install meters for all customers.	1998	\$80,000
	F	C	100	GLENWOOD MOBILE HOME PARK	3900649 001	Abandon existing well and construct new well.	2002	\$50,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	F	C	100	PALM DRIVE TRAILER PARK	3301489 001	Conversion from well water/septic system to municipal water/sewer lines. (System needs to connect to Mission Springs Water District.)	2003	\$250,000
	F	C	95	TICO MUTUAL WATER CO	5601122 005	Drill replacement well for the TICO MWC's main well.	1999	\$112,000
	F	C	90	WEST MCKINLEY WATER SYSTEM	1000077 001	CONNECT TO CITY WATER SYSTEM. INSTALL MAINS & METER. ABANDON EXISTING WELLS.	1998	\$75,000
	F	C	75	Union Heights MWC	3500825 001	Refurbish existing well or replace with new well	2000	\$60,000
	F	C	74	GLEANINGS FOR THE HUNGRY	5402047 001	Drill a new well.	2002	\$100,000
	F	C	70	LONE OAK MUTUAL WATER CO.	5400788 001	Connect to City of Tulare	2001	\$100,000
	F	C	67	MORO COJO MWA	2700656 003	Construct a new well, possibly in a different location.	2000	\$100,000
	F	C	65	MURPHY HILL WS #01	2700662 001	Install 15000 gallon tank and slab. Install backflow device or a second 10,000 gallon tank and slab. Install 24 residential water meters.	1998	\$36,000
	F	C	65	CUYAMA MUTUAL WATER CO.	4200514 002	Drill a new domestic well or invetigate treatment of exisiting water, install new storage tank	2002	\$250,000
	F	C	60	APPLE AVE WS #3	2701036 001	Drill deeper well or consolidate with City water system.	1998	\$75,000
	F	C	60	MURPHY HILL MWS #2	2700663 001	Remove old tank and install new steel tank.	1998	\$50,000
	F	C	55	GRANDE MOBILE MANOR	4000645 001	Abandon well and water tank hook up to large water system (Arroyo Grande).	2003	\$78,000
	F	C	50	FAWCETT FARMS	2400210 001	DRILL A NEW WELL.	1998	\$50,000
	F	C	50	SOLANO VERDE MUTUAL WATER CO	5602130 001	Construct a water line to import water from Callegaus MWD.	2001	\$1,600,000
	F	C	43	DOUBLE J MOBILE ESTATES	4000646 001	Need Central filtration system at the well	2002	\$75,000
	F	C	37	WHISPERING SANDS MOBILE HOME PARK	3301746 002	Connect to adjacent public water system, or drill new well.	2000	\$150,000
	F	C	35	EAST WILSON ROAD WATER COMPANY	1502699 001	Ion exchange System	2003	\$97,000
	F	C	28	Arnold Park (O'Bannon's MHP)	3500526 001	locate new source water or treat existing groundwater for nitrate removal	2002	\$30,000
	F	C	25	SEVENTH STANDARD MUTUAL	1500373 001	UNDETERMINED UNTIL STUDY IS DONE. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	F	C	25	Santa Ana Water Project Authority	3310075 002	desalter and distribution system for treated water	2000	\$6,000,000
	F	C	25	Santa Ana Water Project Authority	3310075 001	Construction of pipeline to deliver water that meets all standards to water systems, to replace the use of high nitrate wells.	2000	\$8,074,000
	F	C	0	UNITED WTR CONS DIST	5610046 004	Design and construct a skid mounted nitrate removal plant for one well for blending.	1998	\$1,500,000
	F	C	0	Chino Basin Desalter Auth. - DESALTER 1	3610075 001	Construct treatment system to remove salts and distribution system for treated water.	2000	\$6,000,000
	F	P	970	CAMARILLO AIRPORT UTILITY	5602505 001	Replace existing well by constructing a new well.	2003	\$450,000
	F	P	900	OROSI HIGH SCHOOL	5400636 001	Connection to Orosi PUD.	2001	\$100,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	F	P	540	FAIRMONT SCHOOL	1000112 001	CONSTRUCT A NITRATE REMOVAL TREATMENT SYSTEM.	1998	\$158,200
	F	P	400	SEQUOIA UNION SCHOOL	5400709 001	Drill a new well	2001	\$100,000
	F	P	250	CUYAMA ELEMENTARY SCHOOL	4200879 001	Need to design and construct a new deeper well to provide potable water to the system	1998	\$100,000
	F	P	250	MAPLE SCHOOL WATER SYSTEM	1502175 001	Connect to City of Shafter's potable water system, 3 miles from school.	2004	\$450,000
	F	P	223	ROSELAWN HIGH SCHOOL	5000116 001	Physical consolidation with City of Turlock water system at Daubenberger & East Ave.	2003	\$350,000
	F	P	149	DEHESA ELEMENTARY SCHOOL	3702702 001	Build new 6000 foot pipeline to consolidate with Otay Water District.	2002	\$1,200,000
	F	P	60	LOVELL SCHOOL	5400634 001	Drill new well; or connect to Cutler PUD	2001	\$542,000
	F	P	34	CITRUS SOUTH TULE SCHOOL	5400555 001	Drill a new well	2002	\$100,000
	F	N	300	CAMP PAIGE-AFFGBAUGH	1900236 002	CONNECT CAMP WATER SYSTEM TO SAN GABRIEL VALLEY WATER DISTRICT SYSTEM OR CONSTRUCT NEW WELL, STORAGE TANK, AND CHLORINATOR.	1998	\$350,000
	F	N	110	RODRIGUEZ LABOR CAMP	5400735 001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	F	N	50	SPCA WS	2702370 001	Replace tank with bolted, steel tank. Design and install a new well.	1998	\$250,000
	F	N	40	Quintero Labor Camp #1 (Wright Rd)	3500559 001	Install chlorination system and nitrate anion exchange systems.	1998	\$25,000
	F	N	30	AILEEN OLSON LABOR CAMP	5700546 001	Deepen well. Involves design and construction.	1998	\$17,000
	F	N	29	OAK PARK WS	2700999 002	Drill and equip a new well or else install nitrate removal treatment.	2000	\$25,000
	F	S	20	Porta Yosemite Mobile Home Park	2210914 001	CONSTRUCT ADDITIONAL WELLS AND/OR PROVIDE NITRATE REMOVAL TREATMENT.	1998	\$250,000
	F	S	0	ECHO VALLEY RD WS #3	2700555 001	Construct a new well	2000	\$80,000
	F	S	0	PINE TREE WAY WS #2	2700696 001	Construct a new well	2000	\$80,000
	F	S	0	SAN MIGUEL WS #14	2701127 001	Construct a new well	2000	\$80,000
	F	S	0	RIVER RD WS #6	2702155 001	Drill a new well	2000	\$40,000
	F	S	0	SAN JON RD WATER SYSTEM #2	2701878 001	Drill a new well	2000	\$30,000
	F	S	0	ECHO VALLEY RD WS #11	2701556 001	Construct a new well	2000	\$80,000
G	C		400600	City of Sacramento	3410020 027	Project will study treatment methodologies, then design, construct/purchase, and install treatment system at well site.	2003	\$400,000
G	C		157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 008	Construct treatment facility to remove VOCs	2002	\$1,000,000
G	C		111000	City of Stockton.	3910012 004	Install wellhead treatment to remove arsenic from six wells.	2004	\$2,700,000
G	C		105600	Mesa Consolidated WD	3010004 034	install pre-treatment	2003	\$3,000,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	G	C	102000	DOWNEY - CITY, WATER DEPT.	1910034 005	Constructed replacement Well #11.	1998	\$901,350
	G	C	95040	Elsinore Valley MWD	3310012 006	See attached sheet	1998	\$1,800,000
	G	C	35528	SCWC - CLAREMONT	1910024 002	The solution to the arsenic contamination of Green Well #1 is the installation of an arsenic removal treatment facility.	2005	\$1,750,000
	G	C	35528	SCWC - CLAREMONT	1910024 003		2005	\$2,550,000
	G	C	34033	SCWC - ARTESIA	1910004 009	Install arsenic removal treatment facility	2003	\$500,000
	G	C	34033	SCWC - ARTESIA	1910004 007	Install arsenic removal treatment facility	2003	\$900,000
	G	C	34033	SCWC - ARTESIA	1910004 008	Install arsenic removal treatment facility	2003	\$600,000
	G	C	34033	SCWC - ARTESIA	1910004 010	Install additional arsenic removal treatment facility	2004	\$400,000
	G	C	27503	LOS BANOS-CITY	2410005 001	Construct IX treatment system	2000	\$600,000
	G	C	27000	INDIAN WELLS VALLEY W.D.	1510017 003	Installation of arsenic filtration equipment or treatment facilities.	2004	\$1,000,000
	G	C	25000	BELLFLOWER - SOMERSET MWC	1910013 001	Design and construct replacement wells.	1999	\$1,000,000
	G	C	23113	ATWATER, CITY OF	2410001 001	CONSTRUCT A TEST WELL AND PRODUCTION WELL TO REPLACE WELL NO. 10 AND PERFORM REMEDIATION WORK ON WELL NO. 20.	1998	\$605,200
	G	C	18020	CWS - Selma	1010024 002	DESIGN AND CONSTRUCT TREATMENT FACILITIES.	2001	\$750,000
	G	C	17410	Dinuba, City of	5410002 001	NITRATE REMOVAL AND GAC TREATMENT. COMMUNITY WATER SYSTEM IMPROVEMENTS AND CONSTRUCT A 3 MG RESERVOIR.	1998	\$5,000,000
	G	C	16000	LINCOLN AVENUE WATER CO.	1910063 001	Installed granular activated carbon (GAC) treatment system.	1998	\$300,000
	G	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 006	Construct a new surface water treatment plant.	2003	\$3,500,000
	G	C	11847	Arvin Community Services Dist	1510001 001	REPLACE THE WELL WITH A NEW WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	G	C	11711	PARLIER, CITY OF	1010025 001	Install wellhead treatment facilities to remove DBCP.	2003	\$400,000
	G	C	8500	BAKMAN WATER COMPANY	1010001 001	Install a GAC treatment system on Well No. 10	2004	\$250,000
	G	C	7850	Sebastopol, City of	4910011 001	Planning, design and construction of a air stripper at well 4.	1998	\$800,000
	G	C	7500	LA PUENTE VALLEY CWD	1910060 001	Installed 1500 gpm air stripping tower.	1998	\$627,396
	G	C	7000	CLAWA WHOLESALE	3610114 001	Feasibility study with design and construction of facilities to meet THM MCL	1999	\$2,400,000
	G	C	5858	MADERA VALLEY WATER COMPANY	2010010 001	Install arsenic removal treatment facilities and chlorination systems.	2002	\$650,000
	G	C	5462	SCWC - HOLLYDALE	1910195 004	Install additional arsenic removal treatment facility	2004	\$200,000
	G	C	5275	City of Live Oak	5110001 010	filtration & storage	2003	\$4,000,000
	G	C	4600	Lakeport, City of	1710004 002	Provide pH/corrosion control facilities.	1998	\$120,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	G	C	4106	FOWLER, CITY OF	1010006 001	HAVE WELL 1 REDEVELOPED AND ADD STORAGE TANKS. INSTALL CHLORINATION STATIONS AT ALL WELLS. CONSTRUCT 15,000 GAL. STORAGE TANKS. REPLACE ALL STEEL MAINS WITH C-900 TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$750,000
	G	C	3006	BASS LAKE WATER COMPANY	2010003 001	Install a treatment system to remove uranium from the well.	2002	\$100,000
	G	C	2989	AMARILLO MUTUAL WATER COMPANY	1910002 001	Treat water with air-stripper.	2003	\$300,000
	G	C	2723	Richgrove Community Services District	5410024 001	EITHER DRILL NEW WELL OR INSTALL TREATMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	G	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001 005	Construct a new water treatment plant.	2004	\$1,320,000
	G	C	1900	Lost Hills Utility District	1510046 002	Test, plan, design, and construct coagulation and pressure filtration with appurtances including construction administration.	2003	\$1,900,000
	G	C	1800	Cobb Area County Water District	1710012 002	Build a limestone contractor.	1998	\$17,000
	G	C	1736	SCWMD Mather-Sunrise	3410704 007	Design and construct new well.	1998	\$250,000
	G	C	1725	Home Garden CSD	1610007 002	Water treatment or possible interconnection to City of Hanford (<1 mile)	2000	\$200,000
	G	C	1620	Caruthers Comm Serv Dist	1010039 006	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$485,000
	G	C	1620	Caruthers Comm Serv Dist	1010039 007	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$647,000
	G	C	1620	Caruthers Comm Serv Dist	1010039 008	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$485,000
	G	C	1620	Caruthers Comm Serv Dist	1010039 009	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water supplies.	2003	\$647,000
	G	C	1405	MALAGA COUNTY WATER DISTRICT	1010042 005	NEW WELL NO. 6 DESIGNED TO AVOID CONTAMINATION	1998	\$92,000
	G	C	1250	San Miguel Community Services District	4010010 001	Study to determine source of problem, design & construct solution (treatment or new well)	1998	\$500,000
	G	C	1250	San Miguel Community Services District	4010010 002	DEVELOP NEW WELL AND CONSTRUCT 1,000 LINEAR FEEY OF 16" TRANSMISSION LINE	2003	\$385,000
	G	C	1020	Riverside CSA #122	3310028 001	Construct a new supply well, filtration treatment units, storage reservoir, and a transmission main pipeline connection to the Riverside County Airport-Blythe.	1998	\$2,000,000
	G	C	1000	Fern Valley WD	3310040 001	Treatment on 7 Wells.	2000	\$400,000
	G	C	820	Cuyama Community Services District	4210009 002	Provide arsenic removal treatment.	2003	\$300,000
	G	C	715	Dell Wayne/Village Green MHP	5110008 002	Hook up to City Water	2001	\$300,000
	G	C	695	CSA 70 W-3 (HACIENDA)	3600114 003	Construct treatment system	2000	\$300,000
	G	C	625	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 003	Design and build a treatement facility to remove primary and secondary contaminants	2000	\$300,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	G	C	600	NORTH EDWARDS WD	1510052 002	Lay approx. one mile of 8" PVC main and construct storage tank.	2000	\$181,425
	G	C	600	NORTH EDWARDS WD	1510052 004	Connect to Antelope Valley East Kern Water Agency (AVEK) or alternate	2002	\$35,000
	G	C	600	NORTH EDWARDS WD	1510052 003	Connect to Antelope Valley East Kern Water Agency (AVEK) or alternate	2002	\$100,000
	G	C	600	Casa Loma Water Co, Inc.	1510004 001	Construct new well or connect to California Water Service-Bakersfield	2002	\$500,000
	G	C	500	CWS ONYX WC	1510043 001	DRILL AND EQUIP A NEW WELL AND/OR PROVIDE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
	G	C	450	CSA 70F, MORONGO VALLEY	3600226 002	Construct treatment system to remove uranium	2000	\$300,000
	G	C	400	ALLENSWORTH C.S.D.	5400544 001	REPLACE WATER DISTRIBUTION SYSTEM, DRILL SECOND WATER WELL	1998	\$115,000
	G	C	400	Central Valley Water Company	5410040 001	Connect to City of Dinuba.	2001	\$100,000
	G	C	396	MANANA WOODS MUTUAL WATER CO	4400539 003	Increase size of aeration towers and GAC filters.	2000	\$250,000
	G	C	362	CURTIS WATER COMPANY	1600503 001	CONNECT TO CITY OF HANFORD PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$716,430
	G	C	360	BROADVIEW TERRACE WATER CO	2000521 002	Construct a new well and/or install treatment facilities.	2002	\$200,000
	G	C	350	FOUR SEASONS MOBILE/RV PARK	1600004 001	CONSOLIDATE WITH THE CITY OF HANFORD	1998	\$184,000
	G	C	350	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 005	Install Treatment	2004	\$50,000
	G	C	225	SIERRA LINDA MUTUAL WATER CO	2000506 001	Drill a new well.	2003	\$25,000
	G	C	200	Yosemite West Water System	2210924 002	CONDUCT A STUDY, DESIGN AND CONSTRUCT TREATMENT FACILITIES TO ELIMINATE THE HIGH COPPER LEVELS IN THE SYSTEM.	1998	\$75,000
	G	C	180	KEELER COMMUNITY SERVICES DISTRICT	1400036 005	Install treatment facilities	1998	\$185,000
	G	C	150	RAINBIRD VALLEY MUTUAL WATER COMPANY	1500393 001	Add one more well or upgrade back-up well (later been our priority). Other - Design/Construction	1998	\$30,000
	G	C	130	AERIAL ACRES WATER SYSTEM	1500405 001	Upgrade system to meet the new federal arsenic standard.	2006	\$200,000
	G	C	120	LAKE SHORE PARK MD #6	2000550 001	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
	G	C	120	BOBCAT SPRINGS MUTUAL WATER CO	4200891 002	Treatment Plant to reduce the arsenic concentration below 10 ppb.	2003	\$150,000
	G	C	108	WESTERN SKY M.H.P.	5400554 001	CONNECT TO THE CITY OF DINUBA.	1998	\$95,000
	G	C	100	LA PENA HOUSING FACILITY	3302069 001	Construct a well and 60,000 gal storage tanks and install a fire pump for required pressure.	1998	\$34,400
	G	C	100	Hollister Ranch Estates	3500904 001	drill a new well or install treatment	2002	\$200,000
	G	C	75	Copco Lake MWC	4700551 001	Develop a new well source.	1998	\$100,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
B	G	C	71	Mount Weske Estates Mutual Water Company	4900643 001	Engineering study, design and construction to determine optimum resolution of problem. For example: a) operate pump a different depth, b) connect to Windsor City water supply.	1998	\$100,000
	G	C	60	PIKE RANCH MUTUAL WATER CO	2000526 001	DRILL NEW WELLS OR CONNECT TO A NEARBY WATER SYSTEM, INSTALL A NEW STORAGE TANK AND DISTRIBUTION LINES.	1998	\$450,000
	G	C	55	DESMOND RD WS #3	2700547 001	Replace well. This would involve study, design, and construction.	2000	\$50,000
	G	C	55	RIVERSIDE MOBILE HOME PARK	3900762 001	Hire engineer to determine proper treatment and purchase/install treatment equipment.	2002	\$30,000
	G	C	50	MARINA VIEW HEIGHTS MD #7	2000551 002	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
	G	C	45	FOUNTAIN TRAILER PARK WATER	1500461 001	Connection to North Edwards Water District (System no. 1510052)	2000	\$181,425
	G	C	45	Sunrise Shore Mutual Water Company	1700536 002	Develop new source well or install treatment on existing well	2003	\$200,000
	G	C	30	HUNGRY GULCH WATER SYSTEM	1500436 001	Purchasing , affixing an arsenic removal system. Purchase and erecting two storage tanks.	2003	\$120,000
	G	C	25	ROSS CORNER	1300563 001	Replace well.	2000	\$100,000
	G	C	3	MUSTANG SPRINGS MUTUAL WATER	4000775 001	Design problems need to be assessed or provide new treatment	2002	\$50,000
	G	P	750	CVUSD, OASIS SCHOOL	3301152 001	Segregate the irrigation water lines from the domestic lines to reduce the flow of water used for domestic purposes. Also, hire an engineer to monitor on a regular basis the water flow. Continue to maintain the system by sanitizing and changing filt	1998	\$100,000
	G	P	450	KIT CARSON ELEM SCHOOL	1600014 001	Install a purification system that will reduce arsenic levels to below 10 ppb.	2003	\$250,000
	G	P	300	SAN ANTONIO SCHOOL DIST	2700727 001	Drill new well and install filter system.	1998	\$25,000
	G	P	154	SOUTH FORK SCHOOL WATER SYSTEM	1502260 001	Connect to another system with acceptable water quality or drill a new well	2000	\$300,000
	G	P	111	Butteville Union School	4700559 001	Installed limestone contactor to reduce corrosion of distribution system. Plan to replace all drinking fountains within the classrooms (4) with lead-free faucets.	1998	\$3,000
	G	P	110	PIUTE MOUNTAIN SCHOOL WATER	1502607 001	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
	G	P	100	PIONEER ELEM SCHOOL	1600011 001	Drill new well or provide treatment	2001	\$300,000
	G	N	604	GLENNVILLE SHOPPING CENTER	1502554 001	DRILL WELL AND CONNECT 10 HOMES TO WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	2003	\$950,000
	G	S	100	JOSE MONTOYA	3303025 001	Construct a system that correct the high flouride level.	1998	\$30,000
<b>Total of project(s) in Bond Law Category B = 446 projects</b>								
				<b>Total Cost for Projects in Category B :</b>		<b>\$507,683,305</b>		
C	H	C	117000	Vista Irrigation District	3710027 001	Permanent replacement of Vista Flume with pressure pipeline. See Attachment 2 and 3.	1998	\$14,430,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
C	H	C	85000	El Dorado ID - Main	0910001	015	(Res B) Replace floating cover with rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
	H	C	85000	El Dorado ID - Main	0910001	014	(Res 11) Replace floating cover with a rigid cover. Involves design and construction.	1998	\$2,800,000
	H	C	85000	El Dorado ID - Main	0910001	012	(Moose Hall) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$600,000
	H	C	85000	El Dorado ID - Main	0910001	011	(Pollock Pines) Replace floating cover with a rigid cover and adequate bypass. Design and construction is involved.	1998	\$1,700,000
	H	C	85000	El Dorado ID - Main	0910001	017	(Res 1) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$1,700,000
	H	C	85000	El Dorado ID - Main	0910001	016	(Res C) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
	H	C	85000	El Dorado ID - Main	0910001	013	(Dolomite) Replace floating cover with rigid cover. Involves design and construction.	1999	\$2,300,000
	H	C	69300	REDLANDS CITY MUD-WATER DIV	3610037	002	Construct facilities to maintain constant head in the line	1998	\$500,000
	H	C	67000	Vallecitos WD	3710002	001	Please see attached	1998	\$28,083,000
	H	C	30450	City of West Sacramento	5710003	001	Add a rigid cover to the clearwell and keep the floating cover, too.	1998	\$325,000
	H	C	30450	City of West Sacramento	5710003	005	Add a rigid cover to the clear well and keep the floating cover.	1998	\$500,000
	H	C	27067	Placer CWA - Auburn/Bowman	3110005	002	Design and construct steel or concrete 10 mg reservoir.	1999	\$2,800,000
	H	C	26266	Paradise Irrigation District	0410007	001	Remove "B" reservoir and install new 10 MG reservoir.	1998	\$3,700,000
	H	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154	006	Build a booster pumping station at Grand Reservoir. Design, and Construction	1998	\$750,000
	H	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154	005	Revise current pressure zone, convert to variable speed booster pumps, and build a connection to the existing high pressure supply from the LA MWD. Project involves: Design, and Construction	1999	\$1,200,000
	H	C	24500	Banning, City of	3310006	001	Replace the entire 16,000 L.F. of 18" and 20" with a new 20" C.M.L.C. pipe.	1998	\$2,000,000
	H	C	24500	Banning, City of	3310006	003	Pipeline and storage tank replacement	2002	\$10,000,000
	H	C	18700	CARPINTERIA VALLEY WATER DISTRICT	4210001	002	Construct a cover for the open distribution reservoir	2003	\$6,000,000
	H	C	17800	MONTECITO WATER DIST	4210007	004	Cover the open distribution reservoir.	1999	\$5,000,000
	H	C	16561	Rainbow Municipal WD	3710016	002	Replace with a 5 MG steel tank, add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: steel tank/ \$3M, micro plant/\$4.5M, HYPALON/\$0.3M, roof/\$1.5M	1998	\$4,500,000
	H	C	16561	Rainbow Municipal WD	3710016	001	Add light weight aluminum roof or hypalon cover. NOTE: only 2,000,000 for HYPALON cover.	1998	\$13,000,000
	H	C	16561	Rainbow Municipal WD	3710016	003	Add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: micro plant/\$8.9M, HYPALON/\$0.5M, roof/\$3.2M	1998	\$8,900,000
	H	C	16561	Rainbow Municipal WD	3710016	004	Add hypalon cover, or convert to raw water impoundment and add 10.5 MGD microfiltration. NOTE: micro plant/\$13.3M, HYPALON/\$2.6M	1998	\$13,300,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	H	C	8076	Imperial, City of	1310006 001	Demolish and remove existing corroded reservoir and construct new 2 MG reservoir and provide coordination with existing 2 MG remote reservoir.	1998	\$1,800,000
	H	C	7500	Placerville, City of - Main	0910003 003	Replace tank or install piping and a pump system to backwash from treated water reservoirs.	1998	\$85,000
	H	C	7500	Placerville, City of - Main	0910003 004	Install water tank as replacement.	1998	\$462,000
	H	C	7500	Placerville, City of - Main	0910003 001	Construction of a rigid structure cover or installation of a tank.	1998	\$225,000
	H	C	7500	Placerville, City of - Main	0910003 002	Construction of a rigid structure cover or installation of a tank.	1998	\$325,000
	H	C	3200	Meadow Vista County Water Dist	3110009 002	Replace two (2) 2mg reservoirs with welded steel tanks.	1998	\$2,259,000
	H	C	1600	McCloud C.S.D.	4710006 001	Construct a cover over the 1.25 million gallon storage tank so it can be used continuously.	1998	\$1,000,000
	H	C	1600	McCloud C.S.D.	4710006 002	Construct new pipe line and seal spring.	2001	\$2,406,842
	H	C	1298	C.C.W.D., West Point	0510005 002	Construction of two new treated water storage tanks	2002	\$1,403,000
	H	C	950	Leavitt Lake CSD	1810004 001	The District would like to put in an above ground storage tank of approximately 300,000 gallons capacity.	1998	\$250,000
	H	C	500	SAN LUCAS WD	2701676 005	Design and engineer a pressure system.	1998	\$16,500
	H	C	400	SEVILLE WATER CO.	5400550 001	REPLACEMENT OF THE ENTIRE PLUMBING SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
	H	C	300	MERCED ADULT CORRECTIONAL FACILITY	2400172 001	CONSTRUCT A NEW 100,000 GALLON BOLTED STEEK TANK AND INSTALL AN AUTOMATIC CHLORINATOR.	1998	\$100,000
	H	C	300	YUIMA MUNICIPAL WATER DISTRICT IDA	3700938 001	Install flating polypropylene covers.	1998	\$194,400
	H	C	300	Madden Creek Water Company	3110043 001	Install new steel tank.	1999	\$47,500
	H	C	250	El Sobrante (ID-F)	3302104 001	See attached.	1999	\$1,000,000
	H	C	200	ANZA MUTUAL WATER COMPANY	3301180 001	Distribution System Improvements	2001	\$50,000
	H	C	186	COUNTY SERVICE AREA 7	4100509 002	Replace old undersized water mains. Relocate the section of mains that are crossing the creek to prevent fires.	1999	\$1,600,000
	H	C	120	AUBURN VALLEY COMMUNITY SERVICE DIS	3100011 002	Replace cover. Involves design and construction.	1998	\$40,000
	H	C	115	DARWIN COMMUNITY SERVICES DISTRICT	1400098 003	Replace transmission line	1998	\$1,000,000
	H	C	76	LITTLE BALDY WATER COMPANY	1900158 002	EXPOSE OLD LINE, REPLACE WITH NEW 6 INCH PVC SCHEDULE 90 PIPE, AND REFILL TRENCH.	1998	\$1,050,000
	H	C	50	PAUMA VALLEY MUTUAL WATER CO	3700934 001	We have installed walls and booster pumps nad need tanks.	1998	\$600,000
	H	C	0	CASTAIC LAKE WATER AGENCY	1910048 002	CONSTRUCT NEW CLEARWELLS. THE DESIGN OF THE EXISTING CLEARWELLS WAS SPECIFIC FOR FLOATING COVERS, SO THESE STRUCTURES CANNOT BE MODIFIED TO ACCEPT RIGID COVERS.	1998	\$20,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	H	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087 001	Design and install a floating cover upon completion of the liner system.	1998	\$10,000,000
	H	S	25	CANNON PARK WATER CO.	2800632 001	Construct new roof on tank.	2002	\$5,000
	I	C	3980000	WESTSIDE SCHOOL	1000290 001	INSTALL NEW FILTER SYSTEM.	2001	\$50,000
	I	C	1223400	San Diego - City of	3710020 044	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Reservoirs.	1998	\$30,000,000
	I	C	1223400	San Diego - City of	3710020 049	Construction of chlorine contact basin and UV.	2000	\$13,500,000
	I	C	1223400	San Diego - City of	3710020 028	Installation of ozone mechanical and electrical equipment.	2005	\$11,200,000
	I	C	1223400	San Diego - City of	3710020 030	This project would provide for the construction of new ozone facilities which would help increase the capacity and water quality of the treatment plant.	2005	\$8,000,000
	I	C	1223400	San Diego - City of	3710020 033	Demolish basins 3 and 4 and replace with new basins 5,6,& 7.	2005	\$20,000,000
	I	C	1200000	East Bay MUD	0110005 010	Treat reclaimed supernatant. Evaluate the recycle streams including those with potential to be recycled to the headworks of a plant. Ensure that treatment would include construction of identified improvements.	2000	\$7,342,000
	I	C	1200000	East Bay MUD	0110005 022	Install variable speed drives pumps on reclaim system to give operators flexibility in control of supernatant return of rate to head of plant.	2002	\$5,820,000
	I	C	1200000	East Bay MUD	0110005 021	Install variable speed drive pumps on the reclaim system to give operators flexibility in control of supernatant return rate to the head of the plant.	2003	\$3,650,000
	I	C	979000	San Jose Water Company	4310011 006	Design and construct additional handling facilities with enhanced solids separation.	1998	\$1,000,000
	I	C	979000	San Jose Water Company	4310011 002	Replace electro-mechanical filter controls with a programmable logic control system.	1998	\$250,000
	I	C	400600	City of Sacramento	3410020 009	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	1998	\$3,000,000
	I	C	400600	City of Sacramento	3410020 023	Rehabilitate or replace aged infrastructure at the Sacramento River Water Treatment Plant so as to ensure compliance with State and Federal regulations	2001	\$20,000,000
	I	C	400600	City of Sacramento	3410020 026	Construct new intake facility to serve treatment plant	2001	\$20,000,000
	I	C	400600	City of Sacramento	3410020 025	Modify existing structure to meet regulations	2002	\$6,000,000
	I	C	400600	City of Sacramento	3410020 024	Rehabilitate flocculation, filters, and lime feed facilitates while adding filter-to-waste and CT unit processes	2002	\$10,000,000
	I	C	200000	Contra Costa Water District	0710003 002	Design and construct a backwash treatment system for the Bollman water treatment plant.	1998	\$3,000,000
	I	C	180000	Marin Municipal Water District	2110002 005	Construct a backwash water treatment system.	1999	\$380,000
	I	C	130308	City of Vallejo	4810007 001	Lenghtening of the east and west sedimentation basins, refurbishing of the existing filters, installation of ammonia equipment, installation of a new ozonation facility and the construction of a new chlorine contact chamber.	1998	\$34,056,000
	I	C	127800	Escondido, City of	3710006 003	Design and construct/repair portions of canal with greatest exposure risk.	1999	\$5,000,000
	I	C	103616	AZUSA LIGHT AND WATER	1910007 001	Design and construct sedimentation basins to meet optimization goals of 1 to 2 N.T.U. Purchase monitoring equipment.	1998	\$500,000
	I	C	95040	Elsinore Valley MWD	3310012 004	See attached sheet	1998	\$100,000
	I	C	86000	GOLETA WATER DISRICT	4210004 011	Design and construct piping for filter to waste.	1998	\$60,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	I	C	86000	GOLETA WATER DISRICT	4210004 012	Kennedy Jenks will evaluate the treatment plant, develop a program fro upgrades and improvements. This will include preliminary design report in preparation of	2002	\$5,000,000
	I	C	85000	El Dorado ID - Main	0910001 018	Construct additional filter unit to satisfy system demands with reduced loading rates. Involves design and construction.	1998	\$1,950,000
	I	C	64442	Desert Water Agency	3310005 001	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$6,200,000
	I	C	64442	Desert Water Agency	3310005 002	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	2002	\$1,700,000
	I	C	58900	Tracy, City of	3910011 001	INSTALL OZONE SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1999	\$4,000,000
	I	C	58900	Tracy, City of	3910011 002	CONNECT TO CALIFORNIA AQUEDUCT. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1999	\$3,000,000
	I	C	57641	Placer CWA - Foothill	3110025 001	Upgrade flocculation, extend floc basin and replace paddles. Install automatic sludge handling equipment and replace tube settlers. Involves study, design and construction.	1998	\$2,600,000
	I	C	57641	Placer CWA - Foothill	3110025 003	Enlarge backwash ponds, improve sludge removal. Involves study, design and construction.	1998	\$1,300,000
	I	C	57641	Placer CWA - Foothill	3110025 004	Design and construct filter.	1999	\$550,000
	I	C	57641	Placer CWA - Foothill	3110025 002	Design and construct one additional filter. Also involves study.	1999	\$550,000
	I	C	48500	Lake Hemet MWD	3310022 001	Construct a new surface water treatment plant or add an additional treatment element (membrane or bag filter system) in front of plant to better regulate influent turbidity changes.	2003	\$3,500,000
	I	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009 001	Construct additional sedimentation basin at existing water treatment plant	2000	\$2,000,000
	I	C	39667	North Coast County Water Dist	4110025 005	Add second contact clarifier and ozonation system.	1999	\$1,000,000
	I	C	34822	Ramona Municipal WD	3710019 001	Design and construct new pump station, Treatment Plant, and pipelines. Repair and replace tanks.	1998	\$8,000,000
	I	C	28000	City of Benicia	4810001 021	Construct a second flocculation and sedimentation process to more reliably meet DHS regulations and action plans. Possibly modify the existing contact clarifiers to use a a redundant process when primary processes are off-line.	2002	\$5,000,000
	I	C	28000	City of Benicia	4810001 022	Construct one or two additional filters to provide redundancy and improve reliability during challenging periods.	2003	\$4,000,000
	I	C	27067	Placer CWA - Auburn/Bowman	3110005 004	Upgrade coagulation point, floc by extending basins and replacing paddles and install auto sludge handling equipment. Replace tube settlers. Involves refinancing, study, design and construction.	1998	\$2,400,000
	I	C	27067	Placer CWA - Auburn/Bowman	3110005 003	Study, design and construct larger backwash facilities.	1999	\$250,000
	I	C	27000	Calexico, City of	1310002 001	See Attached Exhibit B. (HYA Consulting Engineers preliminary design report)	1998	\$6,400,000
	I	C	15687	Avenal, City of	1610002 001	RELOCATE THE TURNOUT UPSTREAM OF THE EXISTING CHECK STRUCTURE. OTHER - DESIGN AND CONSTRUCTION	1998	\$990,000
	I	C	10000	Huron, City of	1010044 001	INSTALLATION OF CLARIFIERS TO REDUCE DOWN TIME AND INCREASE THE PRODUCTION OF THE EXISTING PLANTS.	1999	\$500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	I	C	9690	Cal-Water Service Co.-Oroville	0410005 001	Treatment plant upgrades: particle counter, liquid alum feeder/mixer, current monitor, SCADA system and gaseous chorine containment.	1998	\$220,000
	I	C	7434	GOLDEN HILLS CSD	1510045 003	PAY OFF CURRENT LOAN; REFURBISH WATER TREATMENT PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,750,000
	I	C	7000	LAKE ARROWHEAD CSD	3610005 001	Reconstruct Cedar Glen Treatment Plant, undersized main and transmission facilities in accordance with new master plan	1998	\$10,000,000
	I	C	5285	MAMMOTH CWD	2610001 001	Construct additional filtration facilities	1998	\$1,000,000
	I	C	5190	Calistoga, City of	2810002 001	Install new flash mixing units with sufficient mixing detention time before clarifier.	1998	\$100,000
	I	C	5190	Calistoga, City of	2810002 002	Install turbidity monitoring units on backwash water, rinse to waste water and backwash recycle water with alarms to ensure proper water quality.	1998	\$10,000
	I	C	4000	Brooktrails Township CSD	2310009 001	Construction of baffled 300,000 gallon clearwell.	2003	\$400,000
	I	C	3800	Weaverville C.S.D.	5310001 001	Upgrade the existing clarifier system.	1998	\$50,000
	I	C	3800	Weaverville C.S.D.	5310001 003	The project would construct a clarifier and facilities for pre chlorination and coagulation.	1999	\$125,000
	I	C	3710	ACWA Sutter Creek	0310003 003	REPLACE AMADOR CANAL WITH PIPELINE PROJECT	1999	\$13,243,000
	I	C	2934	SCWC, Calipatria	1310003 001	Upgrade treatment plant with pressure contact clarifiers, 1.5 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$4,634,000
	I	C	2930	Placer CWA - Colfax	3110006 001	Enlarge backwash basin. Involves study, design and construction.	1999	\$250,000
	I	C	2650	LAKE DON PEDRO C S D	5510008 002	CONNECT THE THREE SMALL SYSTEMS TO THE LAKE DON PEDRO CSD, INSTALL A DEEP WATER INTAKE AND EXPAND THE LAKE DON PEDRO PLANT.	1998	\$2,228,199
	I	C	2650	LAKE DON PEDRO C S D	5510008 003	INSTALL A FLOCCULATION/SEDIMENTATION BASIN.	1999	\$180,000
	I	C	2600	Idyllwild WD	3310019 008	Improve surface wash and filtration system and add appropriate control systems.	2000	\$200,000
	I	C	2200	Nice Mutual Water Company	1710008 005	Evaluate plant condition, recommend improvements and construct improvements.	1998	\$500,000
	I	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001 003	UPGRADE ORT REPLACE TREATMENT UNIT PROCESSES.	1998	\$1,100,000
	I	C	2000	IVCSD-Greenville	3210001 002	Consider pre-treatment, clarifiers, additional filters, or new treatment plant.	1998	\$75,000
	I	C	2000	Seeley CWD	1310013 001	Package treatment system, liquid cl treatment, enlarge, lined raw water storage ponds, new distrib lines, replace and new isolation valves, new control building.	2003	\$1,200,000
	I	C	1845	San Joaquin County - Colonial Heights	3910002 001	DRILL NEW WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$900,000
	I	C	1699	SCWC, Niland	1310012 001	Upgrade treatment plant with pressure contact clarifiers, 0.6 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	1998	\$2,530,000
	I	C	1699	SCWC, Niland	1310012 002	Build new flocculation and sedimentation basins.	2002	\$1,000,000
	I	C	1500	Garberville Water Co.	1210008 001	May need a clarifier or additional filter.	1998	\$100,000
	I	C	1459	City of Montague	4710007 002	Installation of ozonation facilities.	1998	\$200,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	I	C	1000	City of Trinidad	1210018 001	Construct a clarifier and make other system improvements.	1998	\$100,000
	I	C	842	TUD-Scenic View/Scenic Brook	5510033 004	CONSTRUCT A PIPELINE TO REPLACE THE OPEN DITCH FROM THE SHAWS FLAT PIPELINE TO PHOENIX ROAD.	1999	\$147,000
	I	C	800	Weimar Water Company	3110035 001	Upgrade water treatment plant to meet future regulations. Study/design/construction involved.	1998	\$200,000
	I	C	600	San Francisco Regional Water System	3810001 061	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected stage 1 DBP regulation.[Sunol filter plant improvement]	1998	\$6,560,000
	I	C	600	San Francisco Regional Water System	3810001 073	Design and construct ozone facilities for the Hetch Hetchy supply.	1998	\$1,205,000
	I	C	600	San Francisco Regional Water System	3810001 049	Study, design, and construct the preferred alternative for sludge handling. The filter-to-waste piping and ancillary facilities.[HWT filter plant]	1998	\$10,289,000
	I	C	600	San Francisco Regional Water System	3810001 053	Design and construct ozone facilities for the Hetch Hetchy supply.	1999	\$5,400,000
	I	C	600	San Francisco Regional Water System	3810001 060	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected Stage 1 DBP regulations and the Crypto Action Plan[Sunol Improvement]	1999	\$20,300,000
	I	C	570	Deer Creek Park Association	2910009 001	Consolidate with Banner System via new pump stations, water mains and storage. Involves design and construction.	1999	\$2,500,000
	I	C	500	Resort Imprvmt. Dist. #1	1210022 006	Develop plan and specifications and complete construction.	1998	\$935,000
	I	C	500	Resort Imprvmt. Dist. #1	1210022 005	Engineering planning.	1998	\$20,800
	I	C	500	Sonoma County Water Agency	4910020 001	Design and construct two advanced disinfection (ozone treatment) facilities.	2000	\$12,000,000
	I	C	495	Westhaven C.S.D.	1210024 002	Roughing filter.	1998	\$35,000
	I	C	490	Pine Mountain Mutual Water Co.	2300591 001	Dig a backwash pond system with sufficient detention time.	1998	\$11,000
	I	C	270	Castle City Mobile Home Park	3110033 001	Build separate flocculation basin and install automatic backwash system.	1998	\$50,000
	I	C	230	FCSA #32/CANTUA CREEK	1000359 002	CONSTRUCT A BACKUP WELL TO PROVIDE DOMESTIC WATER DURING PERIODS THAT THE SURFACE WATER SUPPLY FROM WESTLANDS IS INTERRUPTED.	1998	\$214,350
	I	C	221	MCCLURE BOAT CLUB, INC.	2210905 001	Construct a well to replace the existing treated surface water source.	2002	\$150,000
	I	C	108	FELGER FARMS	1009215 001	CONSTRUCT NEW SURFACE WATER TREATMENT FACILITIES.	1998	\$18,500
	I	C	50	Stockton East Water District	3910006 004	CONSTRUCT ADDITIONAL 2 MG SEDIMENTATION BASIN.	1998	\$3,500,000
	I	C	50	Stockton East Water District	3910006 003	CONSTRUCT NEW 10 MG CLEARWELL TO MEET INCREASING DISINFECTION REQUIREMENTS.	1999	\$4,500,000
	I	C	50	Stockton East Water District	3910006 002	CONSTRUCT TWO FILTERS TO PERMIT FILTRATION RATES TO MEET REGULATORY LIMITS DURING FILTER MAINTENANCE.	2000	\$1,500,000
	I	C	10	ACWA Buckhorn Plant	0310012 003	Replace old pumping system to Buckhorn Water Treatment Plant with a more reliable gravity supply line; also improve source water quality to Buckhorn;	1998	\$2,250,000
	I	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087 005	Design and install ozonation facilities at Jensen treatment plant.(splitted from project 02-1/7/02)	1998	\$50,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	I	C	0	Cabazon County WD - Jensen Area	3310041 001	Implement crypto action plan	1998	\$50,000
	I	C	0	LOPEZ PROJECT	4010022 003	Study, develop, construct an engineered solution to remedy problem	1998	\$14,000,000
	I	P	120	Fouts Springs Youth Facility	0600041 001	Replace existing raw water storage tank and piping. Add 50,000 gallon clearwell tank.	1998	\$224,000
	I	P	100	Junction City School	5304209 001	Replacement of filter media.	1998	\$1,500
	I	X	2000	Indian Valley CSD-Greenville	0000265 001	Add additional filter and rehabilitate water system.	1998	\$1,002,650
	J	C	200000	Contra Costa Water District	0710003 016	Continue study to determine the best approach to reduce the impacts of the discharge. Construction of a diffuser, extending the discharge pipe. Controlling the timing of drainage discharge.	2000	\$7,000,000
	J	C	200000	Contra Costa Water District	0710003 020	Drainage diversion, reversal of groundwater flow.	2000	\$1,500,000
	J	C	180000	Marin Municipal Water District	2110002 004	To erect continous barbed wired fence around the reservoir.	1999	\$620,000
	J	C	164845	SCWC - SOUTHWEST	1910155 012	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	164845	SCWC - SOUTHWEST	1910155 010	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	164845	SCWC - SOUTHWEST	1910155 013	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	1998	\$1,100,000
	J	C	161900	Moulton Niguel Water District	3010073 007	Relocation of the Aliso Creek sewer to the other side of creek which is protected by a road.	2000	\$2,500,000
	J	C	63500	City of Tustin	3010046 003	Somes wells will need to be abandoned and filled and a new well will need to be constructed near by. Other wells may be rehabilitated by lining the casing or other methods.	1998	\$3,500,000
	J	C	31000	CRESCENTA VALLEY CWD	1910028 002	Design and construct four (4) replacement wells. Rehabilitate four (4) existing wells with new casing liners and gravel pack.	1998	\$1,500,000
	J	C	28334	City of Eureka	1210004 002	Replace transmission lines.	1998	\$10,000,000
	J	C	26266	Paradise Irrigation District	0410007 002	Replace 213,000 feet of pipeline.	1998	\$16,000,000
	J	C	19039	CITY OF SANGER	1010029 001	Install ~33,000 feet of new water mains.	2000	\$2,000,000
	J	C	11450	Mendota, City of	1010021 001	CONSOLIDATE THE CITY'S TWO SYSTEMS BY CONSTRUCTING A NEW WELL FIELD, INSTALLING WATER TRANSMISSION AND DISTRIBUTION LINES, AND REHABILITATING AND EXPANDING THE EXISTING IRON AND MANGANESE TREATMENT PLANT.	1998	\$5,518,000
	J	C	6500	CAMBRIA COMM SERVICES DIST	4010014 002	Extend casings and sanitary seals of the wells and raise the pump houses to an elevation above the 100 year flood elevation.	1998	\$60,000
	J	C	6000	Sweetwater Springs CWD - Guerneville	4910004 001	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$200,000
	J	C	6000	Sweetwater Springs CWD - Guerneville	4910004 002	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$2,000,000
	J	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005 003	Install 10,000 feet of new 6-inch diameter PVC water lines and necessary appurtenances.	2004	\$900,000
	J	C	3000	Sweetwater Springs CWD - Monte Rio	4910028 001	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	J	C	3000	Sweetwater Springs CWD - Monte Rio	4910028 002	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	1998	\$3,700,000
	J	C	2660	Sierra Lakes County Water Dist	3110017 001	Completion of existing standby deep well.	1998	\$35,000
	J	C	2100	Swan Lake Mobile Home Park	3301654 001	Remove the existing septic system and install new sewer system to connect to the SAWPA sewer system; and divide the drinking water from the irrigation water system.	1998	\$7,000,000
	J	C	1736	SCWMD Mather-Sunrise	3410704 006	Design and construct new well to replace well.	1998	\$250,000
	J	C	1620	Rio Alto Water District	5210005 001	Construct new municipal well within upper zone of District's distribution system.	1998	\$200,000
	J	C	1440	LAND PROJECT MUTUAL WATER CO.	1910246 001	Design and construction of replacement pipelines and a storage tank.	1998	\$600,000
	J	C	700	Camp Meeker Water Systems, Inc.	4910001 001	Complete construction of the water distribution system and refinance the 1996 project.	1998	\$4,100,000
	J	C	665	EAST WOOD FARMS CWU	3600100 001	Construct temporary intertie with East Valley Water District while company makes system improvements	1998	\$15,763
	J	C	650	LAKE MORENA OAK SHORE MUNICIPAL WATER CO	3700923 002	Replace water lines.	2004	\$115,000
	J	C	465	The Oaks Mobile Home Park	0310020 001	Pipe treated water from the Amador Water Agency's Mokelumne River source to provide acceptable water to this community. AWA has submitted the application to at least be a wholesupplier of quality water for the benefit of the Oaks.	2000	\$2,000,000
	J	C	400	Clear Creek CSD-Westwood	1800512 002	Improve spring source	2000	\$50,000
	J	C	206	PARADISE RANCH MHP c/o SANTIAGO ASSOC.	1910099 003	REPLACE OLD PIPES.	1998	\$100,000
	J	C	200	Diamond Park Mutual Water Co.	3000663 001	Replace all lines and valves. Purchase & install additional storage tank.	1998	\$150,000
	J	C	150	PONDEROSA C.S.D.	5400934 002	Investigate cause/source of coliform - \$50,000; Correct problem or drill new wells - \$150,000	2002	\$200,000
	J	C	75	HARBOR VIEW WA	2701498 001	Drill new well and/or install holding tanks (three 5000 gallon tanks).	2002	\$20,000
	J	C	35	MITCHELL'S AVENUE E MOBILE HOME PARK	1900785 001	REPLACING COMPLETE WATER SYSTEM, VALVES, ADDITIONAL 5,000 GAL TANK. REMODEL AND UPDATE PUMP HOUSE AND EQUIPMENT.	1998	\$50,000
	J	C	33	RIVER INN MOBILE HOME PARK	5200531 001	Re-work well head to seal holes and provide casing vent.	1998	\$0
	J	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 003	Remove the septic tanks and install sewers.	1998	\$100,000
	J	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087 004	Relocate below grade vacuum air release valves from below grade to above grade. Provide blowoffs with backflow protection	2002	\$55,000,000
	J	P	527	PLEASANT VIEW SCHOOL	5400882 001	Interconnect with Poplar CSD water system and abandon well.	2003	\$230,000
	J	P	37	FULL CIRCLE PROGRAMS, INC.	2100575 001	Construct new leach field and drill new well.	1999	\$125,000
	J	P	30	Full Circle Sonoma	4901158 001	Conduct study to determine the cause of the problem, design a system to address the problem and construct a treatment facility to correct it.	1998	\$110,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	J	N	50	Lake Amador Recreation Area	0300037 001	Pipe treated water from the Amador Water Agency's Mokelumne River source to this water sytem. AWA has applied for funding for a project to bring a quality supply of water to the area and wholesale it to existing PWSs.	2000	\$1,000,000
	K	C	438000	FRESNO, CITY OF	1010007 004	CONSTRUCTION OF PERMANENT DISINFECTION FACILITIES AT AN ADDITIONAL 50 WELLS.	1998	\$1,500,000
	K	C	200000	GLENDALE-CITY, WATER DEPT.	1910043 001	PROVIDE RELIABLY DISINFECTED WATER	1998	\$500,000
	K	C	111000	City of Stockton.	3910012 001	INSTALL ON SITE CHLORINATORS AT WELLS	1998	\$750,000
	K	C	110000	CALIFORNIA WATER SERVICE CO. - DOMINGUEZ	1910033 001	Chlorine generating facilities were purchased and installed to increase overall system residuals.	1998	\$500,000
	K	C	105600	Mesa Consolidated WD	3010004 012	Modification of existing chlorine injection system to a chloramine injection system.	1998	\$2,000,000
	K	C	95040	Elsinore Valley MWD	3310012 001	See attached sheet	1998	\$500,000
	K	C	85300	City of Westminster	3010064 009	Replace Well #124 (State Well #5) by drilling anew well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1998	\$1,000,000
	K	C	85300	City of Westminster	3010064 004	Replace Well #22 (State Well #5) by drilling a new well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	1999	\$1,000,000
	K	C	85300	City of Westminster	3010064 007	Replace Well #107 (State Well #5) by drilling a new well to improve our water system pressure volume and help maintain a constant State Mandated chlorine residual for this area.	2000	\$1,000,000
	K	C	85300	City of Westminster	3010064 002	Replace Well #107(State Well #5) by drilling a new well to improve our water system pressure, volumne and help maintain a constant State mandated chlorine residual for this area.	2001	\$1,000,000
	K	C	59000	City of Pleasanton	0110008 001	Convert Pleasanton's chlorine injection facilities to chloramation.	1998	\$200,000
	K	C	53540	CALIFORNIA WATER SERVICE - LIVERMORE	0110003 002	Install facilities to enable Chloramine disinfection of all system reservoirs (24) and purchase portable Chloramination equipment.	1999	\$980,000
	K	C	45325	CalAm - Parkway	3410017 002	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
	K	C	42000	CalAm - Lincoln Oaks	3410013 009	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$1,000,000
	K	C	34082	CalAm - Suburban	3410010 001	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$850,000
	K	C	31917	CAL CITIES - ORCUTT	4210016 001	Replace the motor center and provide automatic controls.	1998	\$50,000
	K	C	31917	CAL CITIES - ORCUTT	4210016 002	Provide controls for the well site.	1998	\$50,000
	K	C	31726	San Juan Water District	3410021 003	Installation of a scrubber is the industry standard for protection against chlorine releases.	1998	\$300,000
	K	C	28000	City of Benicia	4810001 002	Replace gaseous chlorination system.	1998	\$275,000
	K	C	22673	Hemet, City of	3310016 001	Unknown - possible nitrogen block - acid cleaning - redrilling.	1998	\$750,000
	K	C	21000	CalAm - Antelope	3410031 003	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$600,000
	K	C	20434	Valley of the Moon Water District	4910013 002	Design and construct on-site chlorination system for 3 wells.	1998	\$150,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	K	C	20000	CALIF STATE POLYTECHNICAL UNIV - POMONA	1910022 001	INSTALL DDC CONTROLS THAT WILL AUTOMATE THE BLENDING AND CHLORINATION PROCESS.	1998	\$85,000
	K	C	18232	CalAm - Rosemont	3410034 002	Install immediate leak alarm annunciation. Involves design and construction.	1998	\$360,000
	K	C	14349	ROSAMOND CSD	1510018 001	CYCLE TESTING FOR SOURCE OF BACTERIOLOGICAL CONTAMINATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$25,000
	K	C	14096	FILLMORE WATER DEPT	5610002 001	Install a SCADA system & paging ability to monitor the system	1998	\$200,000
	K	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 004	INSTALL AN AUTOMATED ON-SITE OXIDANT GENERATOR OR OTHER RELIABLE DISINFECTION SYSTEM THAT SATISFIES WORKPLACE SAFETY, HAZARDOUS MATERIALS AND AIR QUALITY REQUIREMENTS.	1998	\$81,550
	K	C	6500	CAMBRIA COMM SERVICES DIST	4010014 001	Purcahse monitoring and alarm equipment, cylinder repair kits and the necessary protection equipment for these two sites.	1998	\$20,000
	K	C	6380	Nevada ID - Lake Wildwood	2910023 007	Add chlorination equipment. Involves design and construction.	1998	\$25,000
	K	C	6091	DELHI CWD	2410006 001	INSTALL NEW CHLORINATION FACILITIES.	1998	\$200,000
	K	C	5000	Borrego Springs WC	3710038 006	Installation of gas chlorinators.	1998	\$65,000
	K	C	5000	Borrego WD	3710036 001	Installation of gas chlorinators at Wells 8, 10, 12, and 16.	1998	\$130,000
	K	C	4280	CalAm - Arden	3410045 002	Install leak alarm annunciation. Involves design and construction.	1998	\$240,000
	K	C	3300	Keyes Community Services Dist.	5010009 001	REPLACE WITH ON SITE CHLORINE GENERATORS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$80,000
	K	C	600	San Francisco Regional Water System	3810001 064	Design improvements at Tesla Portal and Thomas Shaft (back-up chlorination station) to provide reliable treatment of Hetch Hetchy Water in accordance with SDWA regulations.	1998	\$1,130,000
	K	C	600	San Francisco Regional Water System	3810001 065	Construct improvements at Tesla Portal and thomas Shaft.	1999	\$9,350,000
	K	C	400	ARROWHEAD MANOR WATER CO	3610026 002	Install automatic chlorination system with realiability features	2000	\$15,000
	K	C	380	Alpine Springs County Water District	3110029 002	Design and construct buildings dedicated solely to house the pumps and provider for safer access.	1999	\$80,000
	K	C	230	BIG OAK MOBILE PARK	0707588 001	Connect to city water.	2001	\$105,000
	K	C	200	ELKHORN ESTATES WATER SYSTEM	3900724 001	STUDY CAUSE OF COLIFORM CONTAMINATION AND, IF NECESSARY, DRILL A NEW ONE.	1998	\$450,000
	K	C	190	Green Mountain Water Company	4300560 002	Install chlorination system, low pressure staging tank, booster pump, and new control system.	1998	\$17,000
	K	C	180	JOSHUA VIEW MOBILE HOME PARK	1900941 001	INSTALL AN AUTOMATIC CHLORINATION SYSTEM, REPLACE RUSTED PIPES AND PUMP AT WELL, REPAIR WATER STORAGE TANK.	1998	\$19,000
	K	C	141	RANCHO SAN JOAQUIN WATER SYS	3900558 001	DRILL NEW WELL. INTERCONNECT WELL 1 WITH WELL 2 PRESSURE TANK AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION.	1998	\$500,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
C	K	C	140	RIVERKERN MUTUAL WATER COMPANY	1500251 001	UP-GRADE MAINS, CONSTRUCT "LOOP" AND GET RID OF ALL DEADENDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	K	C	100	SLEEPY VALLEY WATER CO., INC.	1900903 001	PROVIDE CHLORINATION, NEW PIPELINES, AND 500,000 GAL RESERVOIR	1998	\$701,200
	K	C	60	Avalon Apartments	4900889 001	Attach to public water system.	1998	\$21,000
	K	C	50	West Water Company	4900893 001	Storage tank with high service pumps and a disinfection system	2000	\$150,000
	K	C	45	CORRAL DE TIERRA ESTATES WC	2700536 003	Install an automated chlorination system and provide for back-up chlorination.	1998	\$1,500
	K	C	25	Treasure Creek Woods MWC	5301101 001	Install two 5,000-gallon capacity storage tanks after chlorination to provide contact time.	1998	\$10,000
	K	C	0	Santa Clara Valley Water District	4310027 004	Clearwell modifications to increase the disinfection time.	1998	\$1,377,000
	K	P	3000	QUARTZ HILLS HIGH SCHOOL	1900003 001	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM.	1998	\$18,000
	K	P	350	Willowside School	4901156 001	Install holding tanks and filtration/purification system.	1998	\$25,000
	K	P	263	SEMI TROPIC SCHOOL WATER SYSTEM	1502244 001	TIE INTO ANOTHER SYSTEM FOR DOMESTIC WATER USE AND USE EXISTING WELL FOR LANDSCAPE IRRIGATION. OTHER - DESIGN AND CONSTRUCTION.	1998	\$20,000
	K	P	200	So Trinity Unified School Dist.	5305107 001	Install new flow-paced chlorination system.	1998	\$4,750
	K	P	200	CAMP JONES GULCH	4100538 002	Will develop a system's analysis to identify other options to simplify or change system.	1999	\$20,000
	K	P	125	CAMPS MUNZ & MEDNENHALL	1900089 001	INSTALL NEW CHLORINATION SYSTEM	1998	\$280,000
	K	P	50	FEATHER FALLS SCHOOL	0400107 001	Contract with an engineer to analyze the system problems.	1998	\$20,000
	K	P	50	Mattole Elementary School	1200684 001	Hire an architect to redesign system to comply with current and future state and federal law-rebuild system.	2003	\$92,000
	K	N	200	KERN CO P&R-GREENHORN MT. PARK WATER	1502317 001	REPLACE 2,000' OF PIPELINE. DRILL A NEW WELL	1998	\$65,000
	K	N	120	Marconi Conference Center	2110304 001	Replace wood storage tank with 125,000 gallon concrete ground tank. Replace water lines from sprins and well to treatment facility.	1998	\$300,000
	K	N	60	CAMP CISQUITO / LIVE AGAIN RECOVERY HOME	1900631 001	ADD AN AUTOMATED CHLORINATION SYSTEM AND MONITORING EQUIPMENTS	1999	\$5,000
	K	N	25	Caltrans, Whitewater Rest Area	3301082 001	Upgrade system.	1998	\$5,000
	K	N	25	Caltrans, Brookside Rest Area	3301083 001	Upgrade system.	1998	\$5,000
	K	N	25	BIG OAKS LODGE	1900992 001	BUILD A 5000 GAL. HOLDING TANK, DEEPEN THE WELL, INSTALL A LARGER PUMP, PRESSURE TANK, AND AN AUTOMATIC CHLORINATION SYSTEM.	1998	\$6,000

**Total of project(s) in Bond Law Category C = 250 projects**

**Total Cost for Projects in Category C : \$778,797,004**

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
D	N	C	480000	Eastern Municipal WD	3310009 006	Install wellhead treatment facilities to remove these contaminants and meet standards.	1998	\$1,241,000
	N	C	195740	CWS - Bakersfield	1510003 003	Construct a 20 MGD surface water treatment plant	2001	\$22,500,000
	N	C	164845	SCWC - SOUTHWEST	1910155 003	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	164845	SCWC - SOUTHWEST	1910155 002	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	164845	SCWC - SOUTHWEST	1910155 004	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT SOUTHERN WELL SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	164845	SCWC - SOUTHWEST	1910155 009	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	N	C	160305	OXNARD WATER DEPT	5610007 001	Iron and manganese removal system	2000	\$2,700,000
	N	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 003	CONSTRUCT A FE AND MN FILTER SYSTEM	1999	\$675,000
	N	C	107800	Southern Calif WC - West Orange	3010022 002	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	107800	Southern Calif WC - West Orange	3010022 003	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	107800	Southern Calif WC - West Orange	3010022 004	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	107800	Southern Calif WC - West Orange	3010022 005	Install pressure filters or other filter facility for Fe and Mn removal.	1998	\$300,000
	N	C	104600	City of Santa Clara	4310012 003	Investigate the problem and then do whatever construction is found to be necessary.	1998	\$300,000
	N	C	100000	TORRANCE-CITY, WATER DEPT.	1910213 003	A groundwater treatment facility is proposed that will improve water quality by eliminating odor complaints and by meeting secondary standards for iron and manganese. The proposed facility will also mitigate possible future contamination by the ...	1998	\$7,027,000
	N	C	92180	CALIFORNIA WATER SERVICE CO. - HERM/REDO	1910134 001	CONSTRUCT A FE AND MN FILTER SYSTEM	1998	\$1,033,000
	N	C	65000	Yorba Linda Water District	3010037 001	Construction and installation of a treatment system consisting of chemical addition reaction filtration and backwashing facilities. Installation of maganese greensand filter treatment packaged and pressure filtration vessels are planned.	1998	\$755,000
	N	C	62000	City of Palo Alto	4310009 003	Construct a new well on Middlefield Rd. with treatment for iron and manganese.	1998	\$460,000
	N	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 001	Well #15 must be destroyed and a new well drilled to replace the supply lost. Project involves: Design to solve problem, and Construction	1998	\$1,100,000
	N	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 003	The City plans to design and install a wellhead treatment plant for Wells 11 and 11A for the removal of iron and manganese. Project involves: Design, and Construction	2000	\$774,000
	N	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 006	Construct treatment plant for removal of hydrogen sulfide, iron, and manganese	2004	\$500,000
	N	C	50000	Irvine Ranch Water District-Los Alisos	3010091 001	District plans to conduct engineering studies of its well sites and construct groundwater treatment facilities to reduce the concentration of iron and manganese.	1998	\$1,200,000
	N	C	44063	CAMARILLO WATER DEPT	5610019 002	Construct Fe & Mn, hydorgen sulfide removal filtration treatment facility for one of the three wells with additional plants proposed in the future.	1998	\$2,867,700

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
D	N	C	41840	Southern CA Water Co - Cordova Water Srv	3410015 004	Install a new horizontal pressure filter to remove the manganese to non-detect levels.	1998	\$350,000
	N	C	41427	City of San Bruno	4110023 006	A modular treatment plant was designed for 300 GPM was purchased in 1991 for the use at the Shannon Well, but was never installed before the well was abandoned. This project will construct a shelter large enough to accommodate this plant.	1998	\$370,000
	N	C	38700	Carmichael Water District	3410004 004	Pressure filtration. Involves design and construction.	1998	\$750,000
	N	C	38700	Carmichael Water District	3410004 005	Air stripping and pressure filtration.	1998	\$1,000,000
	N	C	34033	SCWC - ARTESIA	1910004 001	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	34033	SCWC - ARTESIA	1910004 002	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	34033	SCWC - ARTESIA	1910004 003	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT CENTRALIA SITE FOR MN AND FE REMOVAL	1998	\$300,000
	N	C	31490	HAWTHORNE-CITY WATER DEPT.	1910047 001	Reconstruct treatment plant.	1998	\$2,000,000
	N	C	28500	Santa Paula Water System	5610011 010	Design & construct iron and manganese removal treatment facility at Well #1B site to treat approx. 1,500 gpm.	1999	\$750,000
	N	C	15000	Fruitridge Vista Water Company	3410023 002	Construct manganese removal facilities and abandon existing wells. May be used for emergency purposes.	2000	\$5,000,000
	N	C	14096	FILLMORE WATER DEPT	5610002 002	Install a manganese filter.	1998	\$800,000
	N	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 003	ADD A 300 GPM IRON AND MANGANESE REMOVAL SYSTEM FOR THE WELL.	1999	\$128,000
	N	C	10032	SCWMD - Arden Park Vista	3410002 003	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
	N	C	10032	SCWMD - Arden Park Vista	3410002 001	Install wellhead treatment facilities (greensand filters). Involves study, design, and construction.	1998	\$1,300,000
	N	C	10032	SCWMD - Arden Park Vista	3410002 005	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
	N	C	10032	SCWMD - Arden Park Vista	3410002 004	Acquire site for replacement well and iron-manganese treatment facility.	1998	\$100,000
	N	C	10032	SCWMD - Arden Park Vista	3410002 002	Design and construct 1,200 gpm well and iron-manganese treatment facility.	1998	\$750,000
	N	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 002	Install an Fe and Mn filtration system where water from Wells 7 and 8 are delivered to the finished water reservoir.	1998	\$750,000
	N	C	9238	Olivehurst Public U.D.	5810003 001	Construct 3MGD well head treatment plant for iron, manganese, hydrogen sulfide, and methane gas removal. Install approximately 3500 feet of 12" water main from new treatment plant to service area.	2000	\$1,000,000
	N	C	8460	Florin County Water District	3410033 005	Rehabilitation including deepening wells and modification of well structures.	1998	\$0
	N	C	8460	Florin County Water District	3410033 004	Treatment plant and water storage tanks.	1998	\$0
	N	C	7500	TRACT 349 MUTUAL WATER CO.	1910160 002	Purchase and install equipment to remove secondary contaminants	2001	\$950,000
	N	C	7200	Firebaugh City	1010005 001	INSTALL TWO NEW FILTERS AT EACH PLANT SITE AND CONSTRUCT A BACKWASH WATER RECLAMATION SYSTEM AT EACH PLANT SITE.	1998	\$1,073,500

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
D	N	C	6813	SATIVA-L.A. CWD	1910147 001	Treatment to remove iron and manganese from water to provide better tasting water. Replace old existing line to prevent major breakage, and better access to water lines.	2000	\$105,221
	N	C	6813	SATIVA-L.A. CWD	1910147 002	Grant will allow us to remove iron and magnesium from water to provide better tasting water. Replace old existing line to prevent major breakage and better access to water lines	2001	\$105,221
	N	C	6091	DELHI CWD	2410006 002	CONSTRUCT A STORAGE TANK WITH A BOOSTER SYSTEM TO STORE AND PUMP TREATED WATER.	1998	\$1,500,000
	N	C	6000	Sweetwater Springs CWD - Guerneville	4910004 003	Construct iron and manganese treatment plant.	2000	\$850,000
	N	C	5500	MAYWOOD MUTUAL WATER CO. #1	1910084 001	Design and construct a manganese removal system capable of treating 1,500 gallons per minute. Preliminary design is shown in Attachment 2.	1998	\$760,000
	N	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 009	Solve the problem by conducting a study to determine the best way to treat the water. Most effective method would likely be a treatment plant.	1999	\$800,000
	N	C	4800	California Rehabilitation Center - Norco	3310800 002	Add Mn removal treatment system	1998	\$550,000
	N	C	4500	Pajaro/Sunny Mesa Community Srvcs Dist	2710020 001	Install a treatment plant to eliminate or reduce manganese to an acceptable level.	1998	\$450,000
	N	C	3320	City of Williams	0610004 002	Purchase and have installed green sand filters and related equipment.	1998	\$3,000,000
	N	C	3320	City of Williams	0610004 001	Design green sand filter system to treat water from three wells.	1998	\$30,000
	N	C	3174	City of Rio Dell	1210012 001	Construct a new surface water treatment plant to draw water from the Eel River.	1998	\$1,700,000
	N	C	2800	Riverdale Public Utility District	1010028 001	Drill new well and chlorine contact tank	2000	\$270,000
	N	C	2760	CWSC Las Lomas	2710013 001	Design and construct filter system.	2000	\$640,000
	N	C	2750	Central Water District	4410018 001	Construct a new well with better water quality in the vicinity of the other two wells. Plans and specifications on file with the Department of Health Services.	1998	\$275,000
	N	C	2300	Aromas Water District	3510004 001	drill new well with needed capacity and acceptable water quality	2002	\$976,664
	N	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015 001	Installation of iron and manganese removal facility per study by Boyle Engineering Corp dated Mrch 1993.	1998	\$620,000
	N	C	2000	Trinity Co. W.W. Dist #1	5310002 001	Provide for iron and manganese treatment system. Design and install temperature control devices at raw water reservoir.	1998	\$1,300,000
	N	C	2000	North Marin WD - Pt. Reyes	2110006 020	Construct new well(s) upstream and outside tidal influence with associated transmission line to treatment facility.	2001	\$1,100,000
	N	C	1400	Plumas Eureka CSD	3210011 001	Construction of water treatment facilities.	1998	\$600,000
	N	C	1000	MONO VILLAGE WATER DISTRICT	5510019 001	INSTALL TREATMENT SYSTEMS FOR REMOVAL OF IRON AND MANGANESE.	1998	\$162,000
	N	C	990	SAN MIGUELITO MWC	4010003 011	Replace non-functional valves and appurtenances then sandblast and paint vessels and piping.	1999	\$25,000
	N	C	813	Cal-Am Water Company - Hidden Hills	2710022 001	Design and construct oxidation and filtration treatment facility for the removal of Fe & Mn.	1999	\$500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
D	N	C	774	CWS SQUIRREL MOUNTAIN WC	1510044 001	INSTALL IRON AND MANGANESE REMOVAL PLANT. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	N	C	715	Dell Wayne/Village Green MHP	5110008 001	Install a filtration system to remove excess minerals.	2000	\$0
	N	C	700	RIVERSIDE COUNTY SERVICE AREA #62	3301577 001	Install filtration treatment units. Construct new storage reservoir and booster pump station.	1998	\$0
	N	C	690	YERBA BUENA WATER COMPANY	5610006 002	Install filtration system at Well No. 5 to reduce iron and manganese.	2002	\$250,000
	N	C	584	MAR VISTA WATER COMPANY INC	4400502 001	The well should be replaced completely. Also, the existing water lines need to be replaced or upgraded.	1998	\$115,000
	N	C	500	SAN LUCAS WD	2701676 001	Design and engineer a project which would enable water system to remove dirt, iron, and manganese from water supply.	1998	\$90,000
	N	C	495	CUYAMACA WATER DISTRICT	3700074 001	Add storage tank and replace some of distribution lines, and possibly construct a filtration system	1998	\$350,000
	N	C	486	WALNUT HILLS MUTUAL WATER CO.	4000670 001	Construct a water treatment facility and connect to the water system.	1998	\$50,000
	N	C	409	Alpaugh Irrigation District	5410005 002	Construct new well (s), pressure tank and appurtenant facilities	2002	\$565,900
	N	C	400	Blythe - Hidden Beaches	3301630 001	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$6,716,000
	N	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 001	(1) Develop filtration plan, (2) Determine best design filtration system, (3) Purchase filtration system including installation, startup and training.	1998	\$100,000
	N	C	350	Newell County Water District	2500801 001	Drill new wells in a strata that meets the MCL for iron and manganese. Replace failing distribution system.	1998	\$275,000
	N	C	350	Lassen County Water District #1	1810003 001	Purchase and installation of filters to remove the iron and manganese.	1998	\$210,000
	N	C	347	BARRETT LAKE MOBILE HOME PARK	3700041 001	New tanks, lines and pressure pump.	1998	\$50,000
	N	C	252	PRUNEDALE MWC	2700702 002	Install ozone treatment and filtration system.	1998	\$100,000
	N	C	240	GARDEN FARMS C.W.D.	4000507 001	Install simple filters at wells with high concentrations of the minerals, greensand and chemical charcoal filters are being considered.	1998	\$45,000
	N	C	220	CAMP OWEN WATER SYSTEM	1502315 001	INSTALL FILTRATION AND WATER CONDITIONING SYSTEM AT THE SITE OF THE EAST WELL SO THAT IT CAN BE UTILIZED. REPLACE/REPAIR WATER STORAGE TANK.	1999	\$60,000
	N	C	150	ACAMPO WATER SYSTEM	3901303 002	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION.	1998	\$700,000
	N	C	100	HOOD WATER MAINTENCE DIST	3400101 002	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	N	C	100	HOOD WATER MAINTENCE DIST	3400101 001	Construct an iron and manganese treatment facility and construct a 1,000 gpm well with iron and manganese treatment. Involves design and construction	1998	\$300,000
	N	C	93	VIERRA ESTATES WS	2702007 001	Physically consolidate with Normco Division. Install 7000 feet of piping to make the connection.	1998	\$225,000
	N	C	79	H & J WATER COMPANY	3700073 002	Install treatment.	2002	\$3,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
D	N	C	79	H & J WATER COMPANY	3700073 001	Dig new well and destroy abandoned well.	2002	\$60,000
	N	C	78	WOODSIDE WA	2702140 001	They do not describe any projects. Perhaps, they are hoping we will tell them what they should do.	1998	\$50,000
	N	C	68	FAIRWAY ESTATES PWS CSA-18	3901075 001	CONSTRUCT REATMENT FACILITY, PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION.	1998	\$750,000
	N	C	64	Moorland Avenue Apartments	4901195 001	In 1996/97 system installed a 5,000 gal storage tank, with booster pump and pressure system. Would like to install treatment for iron and manganese, seal north well which is now inoperable and refinance the previous 1996/97 system improvements.	1998	\$25,000
	N	C	60	FAIRWAY DOWNS MUTUAL WATER CO	5800572 002	Install iron and manganese filtration system for removing these secondary standard constituents.	1998	\$73,000
	N	C	50	FAIROAKS PWS #44	3901348 001	CONSTRUCT TREATMENT. OTHER = DESIGN AND CONSTRUCTION	1998	\$700,000
	N	C	50	PINE VALLEY TRAILER PARK	3701961 001	as above.	1998	\$100,000
	N	C	28	MDWC:WARDS FERRY RANCHES	5500363 001	INSTALL A FILTRATION SYSTEM TO REMOVE IRON AND MANGANESE.	1998	\$144,000
	N	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 001	Construct a manganese removal facility.	1998	\$25,000,000
	N	P	600	Twin Hills School Dist-Apple Blossom Sch	4900710 001	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$100,000
	N	P	440	Twin Hills School Dist-Twin Hills School	4900707 001	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	1998	\$105,000
	N	P	350	Oak Grove School	4900703 001	Install filtration or ozonation system with holding tank.	1998	\$30,000
	N	P	246	FRANKLIN ELEMENTARY SCHOOL	3400248 001	New mangnesium filtration system. Replace and modernize plumbing.	1998	\$10,000
	N	P	150	New Directions Adolescent Services	4901170 001	Confirm composition of suspended matter, design and install system to remove and dispose of solids.	1998	\$14,000
	N	P	145	DELTA ISLAND ELEMENTARY SCHOOL	3900713 001	REIMBURSE FOR TREATMENT INSTALLED	1998	\$8,000
	N	P	100	Willow Creek School	4700569 001	Add treatment to remove rust and/or manganese.	1998	\$10,000
	N	P	50	MJUSD-Arlington Elem. School	2500513 002	Drill a new well in a strata that meets the MCL for manganese.	1998	\$44,850
	N	N	120	AMERICAN LEGION POST #376	0500090 001	DRILL NEW AND DEEPER WELL.	1998	\$10,000
	N	N	90	Maharishi Vedic School	1700668 001	Convert existing 20,000 gal tank to sand filter.	1998	\$30,000
	N	N	75	STRAWBERRY CAMPGROUND	0400138 001	Deepen wells and bring in electrical connections.	1998	\$165,000
	N	N	25	RIVER LAND RESORT	3600365 001	Construct treatment facility, Construct tank	1998	\$100,000
	N	X	0	Indian Hills Camp	0001405 001	We have a chlorination system in place now which does an adequate job but a more sophisticates system such as osmosis would be safer and more functional.	1998	\$9,947

**Total of project(s) in Bond Law Category D = 111 projects**

**Total Cost for Projects in Category D :**

**\$119,717,003**

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	C	180000	Marin Municipal Water District	2110002 006	Build desalination plant to treat water from San Francisco Bay	2004	\$20,000,000
	E	C	57000	EAST VALLEY WD	3610064 002	Consolidate water system into EVWD	1998	\$985,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 013	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 11,000' OF 16" PIPELINE (see 08)	1999	\$1,932,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 005	REPLACE THE TWO EXISTING WATER TANKS WITH TWO NEW 100,000 GALLON RESERVOIRS. (See 08)	1999	\$700,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 003	CONSTRUCT A 500,000 GALLON TANK TO IMPROVE SYSTEM RELIABILITY.(See new definition and water outage noted in project 08)(4/	1999	\$1,000,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 001	REPLACE APPROXIMATELY 6700' OF EXISTING WATER MAINS AND UPGRADE 2 PUMP STATIONS. (See 08)	2000	\$870,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 010	REPLACE APPROXIMATELY 1,700 FT. OF WATER MAIN TO REDUCE MAINTENANCE COSTS.(See 08)	2000	\$840,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 011	REPLACE EXISTING WATER MAINS.(See project 08)	2000	\$850,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 018	CONSTRUCT A 2 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE (see 08)	2001	\$2,100,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 008	Installation of three 10" parallel pipelines and replacement of portions of the existing pipes with pipes using rigid joints.(This project is reranked and redefined per Dist memo dated 3/31/2000)	2001	\$2,000,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 015	REPLACE THE EXISTING 10" PIPELINES WITH 1,100' OF 16" PIPELINE (see 08)	2001	\$1,550,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 014	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 8,000' OF 16" PIPELINE (see 08)	2001	\$1,401,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 002	REPLACE APPROXIMATELY 8000' OF EXISTING WATER MAINS AND RECONSTRUCT A PUMP STATION. (see 08)	2001	\$1,600,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 016	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES(see 08)	2002	\$1,550,000
	E	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 017	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES (see 08)	2002	\$870,000
	E	C	24316	East Niles CSD	1510006 001	Drill a new ground water well, construct 1 MG storage tank w/ booster pump station and increase capacity of a ground water well that is to be drilled as part of another project (Weedpatch Hwy Project).	2003	\$1,700,000
	E	C	13500	Bella Vista Water District	4510014 008	Construct a pump station and pipelines to provide treated drinking water to previously unserved area to replace their existing well water supplies.	1998	\$1,192,000
	E	C	11180	Del Oro Water Co.-Paradise Pines	0410011 003	Extend a new pipeline to convey treated water from the Lime Saddle surface water treatment plant to the Paradise Pines System	2001	\$4,500,000
	E	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 003	Construct 2 new wells	2000	\$882,000
	E	C	9475	SO CA WATER CO-WRIGHTWOOD	3610047 001	Construct new well	1998	\$300,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	C	8300	Fort Bragg, City of	2310001 001	Develop well field (estimated to supply 1400 gpm), install 5500 L.F. new transmission lines, new pump station and controls.	1998	\$1,100,000
	E	C	7434	GOLDEN HILLS CSD	1510045 006	Loop water system in west GHCS D service area in order to provide the necessary water volume to Keene.	2000	\$100,000
	E	C	6300	Cutler PUD	5410001 003	REPLACE THE OLD AND UNDERSIZED PIPELINES AND INSTALL HYDROPNEUMATIC TANKS ON EXISTING WELLS TO REGULATE THE PRESSURE. OTHER - DESIGN AND CONSTRUCTION.	1998	\$493,000
	E	C	5786	Orosi Public Utility District	5410008 005	Replace small diameter mains with minimum 8-inch diameter mains in the areas affected	2002	\$1,625,000
	E	C	4715	SBNDO COUNTY SERVICE AREA 70J	3610125 005	Drill a new well	2000	\$300,000
	E	C	3300	Seaside Municipal Water System	2710018 001	Install new well.	1998	\$150,000
	E	C	3174	City of Rio Dell	1210012 002	Source water treatment plant	2001	\$2,210,000
	E	C	2150	Forest Lakes MWC	4410016 001	Drill new well, replace aging system, install meters throughout system	2002	\$500,000
	E	C	1905	Strathmore Public Util Dist	5410012 001	CONSTRUCT CANAL STORAGE FACILITIES. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
	E	C	1879	Quincy Community S.D.	3210004 003	Construct new well	2001	\$350,000
	E	C	1879	Quincy Community S.D.	3210004 004	Construct new well	2001	\$150,000
	E	C	1638	London Community Serv Dist	5410017 001	Construction of new distribution system.	2002	\$1,600,000
	E	C	1500	Garberville Water Co.	1210008 003	Purchase and install generators for the infiltration gallery and treatment plant	2001	\$21,000
	E	C	1100	YERMO WATER CO	3610118 001	Construct new well and reservoir, replace mainline	1998	\$850,000
	E	C	1000	Descanso Community WD	3710009 001	New tanks, new lines and meters, upgrade wells, add filtration system, generator, tank site purchase, grading and fencing.	1998	\$1,300,000
	E	C	927	Del Oro Water Co.-Lime Saddle	0410017 001	Construct 16,600 feet of 10" main with lift stations and an additional 300,000 gallon storage tank.	1999	\$2,000,000
	E	C	915	San Joaquin County - Thornton	3910009 002	Construct replacement well including engineering, feasibility study, environmental and property acquisition.	2002	\$881,550
	E	C	820	Cuyama Community Services District	4210009 001	Construct an 8-inch, 4.5 miles long line to connect the school to CCSD.	2002	\$500,000
	E	C	700	Humboldt Bay MWD	1210013 002	Emergency standby generator	2002	\$400,000
	E	C	625	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 005	Drill and develop additional groundwater wells	2000	\$150,000
	E	C	625	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 004	Develop a Water Master Plan	2000	\$50,000
	E	C	625	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 006	Construct 5.3 miles of transmission line to High Desert Water District	2002	\$1,182,000
	E	C	521	LIVE OAK SPRINGS WATER & POWER COMPANY	3700922 001	Replace existing distribution system, and install pressure system (pressure tanks and pump system).	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	C	500	LSID-Strathmore System	5410036 001	DESIGN AND INSTALL CANAL STORAGE FACILITES TO INCREASE CAPACITY AND RELIABILITY OF WINTER WATER DELIVERIES. OTHER - DESIGN AND CONSTRUCTION	1999	\$250,000
	E	C	500	DUCOR COMMUNITY SERVICE DIST.	5400542 001	Construct a new well	2002	\$500,000
	E	C	500	Sonoma County Water Agency	4910020 006	Construction of an additional pipeline, water storage tanks, booster pump, and related facilities between the existing Cotati tanks and the Kastania tanks in southern Petaluma.	2003	\$25,361,000
	E	C	436	LAKE WOHLFORD RESORT	3700919 001	Install well, run electricity to well. Purchase and install storage tank.	1998	\$120,000
	E	C	415	FOREST PARK MWC	3600107 001	Construct new sources and storage facilities	1998	\$150,000
	E	C	409	Alpaugh Irrigation District	5410005 001	Drill new wells or provide treatment. Replace all distribution piping.	2001	\$1,950,000
	E	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 002	Add additional well; increase present storage capacity; replace affected delivery lines.	1998	\$80,000
	E	C	400	ARROWHEAD MANOR WATER CO	3610026 001	Replace 60,000 feet of pipeline and repair/replace storage tanks	2000	\$10,000
	E	C	332	JUNIPER RIVIERA CO WD	3600222 001	Construct new well	1998	\$130,000
	E	C	250	LAKESIDE WOODS MUTUAL WATER CO	4500013 001	New storage tank, water main repairs and replacement, stand-by generator for power outages and water meters to encourage residents to conserve water to preclude water outages.	1998	\$93,000
	E	C	250	CROWLEY LAKE MUT. WATER DIST.	2600546 001	Investigate new well sites, review system operations, determine system needs, prepare construction loan applications.	2000	\$300,000
	E	C	250	RAMONA WATER COMPANY	3301529 001	Drill new wells, meters, and storage facilities.	2001	\$100,000
	E	C	230	GREENBELT WATER COMPANY INC	4400598 001	Drill and equip a new well, including appurtenances necessary to supply water to the system such as booster pump, pressure tank, and control system.	2000	\$38,000
	E	C	218	ALPINE OAKS MOBILE ESTATES	3701988 001	Construct additional well and 20,000 gallon storage tank.	1998	\$100,000
	E	C	200	SIERRA GRANDE ESTATES MUTUAL WATER CO.	1400070 001	Installation of curbside meters and shutoffs to encourage conservation; Increase and update storage capacity to include pressure tanks and electrical components and track usage	2003	\$195,000
	E	C	170	SHASTA CO CSA #23 CRAGVIEW	4500028 001	Armor slopes and relocate facilities.	2001	\$160,000
	E	C	150	RECHE CANYON MWC	3301541 001	Install water meters and 6" pipeline 3,800' to connect to available city water.	1998	\$150,000
	E	C	150	UNION PACIFIC RAILROAD COMPANY	1500371 001	BUILD TEN MILES OF PIPELINE FROM TEHACHAPI TO KEENE. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,500,000
	E	C	150	Mariposa Pines Mutual	2210906 001	CONSTRUCT A NEW WELL, RECONSTRUCT TWO WELLS, AND INSTALL STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$294,806
	E	C	150	Bodega Water Company	4900850 001	Drill additional well	2002	\$100,000
	E	C	130	ALPINE VILLAGE	3301491 001	To lay the needed pipe to loop the system. We have 6 other wells we could use but need pumps and electric to run them.	1998	\$15,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	C	126	ASSISI MWC	2700503	001 Replace bowls.	1998	\$11,630
	E	C	120	Colusa Co. Service Area #1-Century Ranch	0600012	001 Drill new wells and replace existing storage reservoir.	1998	\$200,000
	E	C	120	Colusa Co. Service Area #1-Century Ranch	0600012	002 Design a surface water treatment plant and replace all air vacuum release valves	2001	\$1,200,000
	E	C	120	TAHOMA MEADOWS WATER CO.	3100033	002 Design and build a permanent interconnect with adjacent privately owned community system to use during emergencies.	2003	\$20,000
	E	C	115	DARWIN COMMUNITY SERVICES DISTRICT	1400098	001 Construct two wells and improve spring	1998	\$100,000
	E	C	100	Volcano Community Service Dist	0300016	001 STUDY ALTERNATIVES, DESIGN SOLUTION, AND CONSTRUCT SOLUTION. OTHER = STUDY, DESIGN, AND CONSTRUCTION	1998	\$1,000,000
	E	C	100	Blairsdon Water Users Association	3200134	001 Replace antiquated water lines and install storage tank.	1998	\$150,000
	E	C	100	Klamath C.S.D.	0800548	001 Construct two wells and new telemetry in currently identified good aquifer. Construct transmission line to existing distribution system (200 feet of 6-inch PVC).	1998	\$160,000
	E	C	99	SPRING CANYON WA	2700838	001 Water system needs to consolidate with a larger water system--specifically Alco Water Service.	1998	\$175,000
	E	C	90	Lake View Mutual Water Co.	2300606	001 Drill well.	1998	\$30,000
	E	C	90	DOUBLE 'R' TRAILER PARK	3301220	001 Connect to Mission Springs WD water system.	2002	\$480,000
	E	C	81	LANGLEY/VALLE PACIFICO WS	2701670	001 Install new well and treatment facilities.	1998	\$400,000
	E	C	76	LITTLE BALDY WATER COMPANY	1900158	001 PURCHASE THREE 2.5 ACRE SITES, CONSTRUCT APPROX. 100,000 STORAGE TANK ON EACH AND SECURITY FENCING	1998	\$450,000
	E	C	76	LITTLE BALDY WATER COMPANY	1900158	004 Deepen existing well for more supply, or drill new well	2000	\$100,000
	E	C	75	ARROWHEAD RANCH WS	2702072	001 Physical consolidation with Normco Water System.	1998	\$120,000
	E	C	75	VIERRA MEADOWS MWC	2702003	001 Add additional 15,000 gallon storage tank.	1998	\$30,000
	E	C	75	VISTA HILLS MUTUAL WATER CO.	4200848	001 Drill new well	2003	\$325,000
	E	C	66	OAKRIDGE SUB MWC	2701422	001 Consolidation with Aromas Water District.	1999	\$700,000
	E	C	65	CUYAMA MUTUAL WATER CO.	4200514	001 Tie into Cuyama CSD or construct a new well. (Reranked to E from M 1/3/02)	2000	\$250,000
	E	C	62	Z RANCH MWC	2700731	001 Add one or two new wells.	1998	\$80,000
	E	C	58	Los Ranchos De Uvas Water Company	4300637	002 Need to hook up to Twin Valley Water Company.	1998	\$100,000
	E	C	54	Boulevard Heights Mutual Water	4901071	001 Construct additional 50,000 gal tank. Install larger well pumps.	1998	\$85,000
	E	C	50	HIDDEN LAKE DIST #1	2000544	001 INSTALL A NEW WATER TREATMENT PLANT (100 GPM CAPACITY), LARGER INTAKE PUMPS, AND ASSOCIATED PIPING AND ELECTRICAL FACILITIES. ALSO INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	C	50	Rural Canyon Mutual Water Company	4900618 001	Construct a 1 1/2 mile 6 inch line to connect to Forestville CWD, annex to District and pay the connection fees or purchase wholesale water & continue to operate the storage and distribution system.	1999	\$350,000
	E	C	48	SAN MIGUEL WS #3	2700740 001	Consolidate with Royal Oak Place WS.(2702388)	1998	\$110,000
	E	C	48	ECHO VALLEY WS #5	2701423 001	Design and construction of new well.	1998	\$45,000
	E	C	48	TIERRA VERDE MWC	2700775 001	Construct a new well and storage tank to provide long-term reliability	2002	\$75,000
	E	C	40	LLANO FARMS MUTUAL WATER COMPANY	1900514 001	INSTALL NEW WELL, BOOSTER PUMP, AND STORAGE TANK	1998	\$500,000
	E	C	35	MOUNTAIN RANCHES MD #5	2000549 001	INSTALL AN ADDITIONAL WELL AND A 100,000 GALLON STORAGE TANK WITH A TELEMETRY SYSTEM.	1998	\$140,000
	E	C	33	WILLOWS ASSOCIATION	3700004 001	1. Drill additional well. 2. Connect to Padre Dam Water District. The cost of this option has not been determined.	1998	\$17,000
	E	C	30	Midpines Timber Mobile Home Park	2210919 001	CONSTRUCTION OF A NEW WELL AND STORAGE TANK.	1998	\$50,000
	E	C	30	SPRING CREST WATER & POWER	3301643 001	A) Need secondary source of water - new well \$25k, B) Provide electrical service to wells/tanks for monitoring \$5k, C) Replace approx. 200 l.f. of 8" water line \$16k, D) Clean out hydrolic wells \$5k	1998	\$51,000
	E	P	800	Loma Prieta JUSD-Loma Prieta School	4300721 001	Connect to Montevina Pipeline (treated water)distribution system approximately 1 mile away.	2004	\$500,000
	E	P	200	LA HONDA ELEMENTARY SCHOOL	4100516 001	Feasibility Study to consolidate with LaHonda Guild, CSA#7, San Mateo Co., or San Francisco Water District, with LaHonda's inadequate water supply.	1998	\$10,000
	E	P	125	MONTGOMERY CREEK SCHOOL	4500170 001	Improve spring or drill wells to improve source capacity and preclude water outages.	1998	\$60,000
	E	P	120	MILLERS HILL SCHOOL	0900210 001	Develop plans to install adequate storage for domestic water.	2003	
	E	P	100	LATROBE ELEMENTARY SCHOOL	0900410 001	Construct additional well and connect to storage tank.	1998	\$20,000
	E	P	100	Fort Ross School District	4900679 002	Connect 1 mile pipeline to community water system.	2001	\$20,000
	E	P	100	LATROBE ELEMENTARY SCHOOL	0900410 002	Develop plans to install adequate storage for domestic water.	2003	
	E	P	55	Montebello SD - Montebello School	4300762 001	Need to add more capacity with adding another well or more storage. A faster refill ssystem to be considered.	2002	\$75,000
	E	P	25	Honeydew Elementary School	1200806 001	Develop additional water source and improve distribution system.	1998	\$6,000
	E	N	195	SPLIT MOUNTAIN PARK	3701882 001	New 5,000 gallon water storage tank, new 1,500 gallon water pressure tank, and new 5 hp secondary booster pump.	1998	\$8,500
	E	N	55	DELIGHT'S TECOPA CABANA	1400088 001	Construct pressure tank, distribution system replacement	1998	\$200,000
	E	S	1	Commanche Well Water System	1502567 001	TIE INTO ANOTHER SYSTEM, STORAGE TANK AND BOOSTER PUMPS. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	E	S	0	WALKER VALLEY WS #2	2700801 001	New well; possible new tank and /or distribution system.	2000	\$50,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	E	U	10	Burnett Road WS	5403108 001	Permanent interconnection to Tipton CSD	2002	\$287,800
	F	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 008	Design and construct water treatment facility to remove increasing levels of PCE and nitrate from pumped ground water.	1998	\$4,500,000
	J	C	200	WEST OLIVE MOBILE/RV PARK	1000259 001	CONNECT TO FRESNO MUNICIPAL WATER SUPPLY - CITY OF FRESNO. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
	L	C	1200000	East Bay MUD	0110005 017	Conversion at WTP's from disinfection by free chlorine to chloramines.	1998	\$10,734,000
	L	C	1200000	East Bay MUD	0110005 001	New chemical feed, storage and control facilities additional filtration capacity and washwater solids handling improvements at Walnut Creek WTP.	1999	\$29,840,000
	L	C	979000	San Jose Water Company	4310011 008	Evaluate, design, and construct required facilities for reducing THM's	2002	\$8,000,000
	L	C	158360	California Water Service - Stockton	3910001 001	DESIGN AND CONSTRUCT A S MGD TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	2000	\$2,600,000
	L	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 005	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE TECHNOLOGY TO REMOVE PERCHLORATE AND NITRATE.	1998	\$2,500,000
	L	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 006	Construct treatment facility to remove VOCs and NDMA	2002	\$15,000,000
	L	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 007	Construct treatment facility to remove VOCs	2002	\$1,200,000
	L	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 009	Construct treatment facility to remove Perchlorate and NDMA	2002	\$15,000,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 013	Install treatment using ion exchange technology to remove perchlorate	2001	\$1,000,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 014	Install ion exchange treatment technology to remove perchlorate	2002	\$1,750,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 017	Install treatment using ion exchange technology to remove perchlorate	2002	\$1,750,000
	L	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 015	Install treatment using ion exchange technology to remove perchlorate	2003	\$1,750,000
	L	C	92350	California Water Service - San Mateo	4110008 001	Install facilities to enable chloramine disinfection of all systems reservoirs (19) and purchase portable chlorination equipment.	1998	\$780,000
	L	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 001	Perform investigation to define extent of contamination, source of contaminants, remediation, and potential treatment technologies. Project involves: Study, Design, and Construction.	1998	\$5,000,000
	L	C	69300	REDLANDS CITY MUD- WATER DIV	3610037 001	Design/Study treatment possibilities	1998	\$2,000,000
	L	C	65960	California Water Service - Bear Gulch	4110006 002	Install facilities to enable chloramine disinfection of 23 Reservoirs and treatment plant, purchase portable chlorination.	1999	\$1,020,000
	L	C	57520	CWSC Los Altos Suburban	4310001 003	Install facilities to enable chloramine disinfection of all system wells.	1998	\$860,000
	L	C	54260	California Water Service-S San Francisco	4110009 001	INSTALL FACILITIES TO ENABLE CHLORAMINE DISINFECTION OF ALL SYSTEM RESERVOIRS (13) AND PURCHASE PORTABLE CHLORINATION EQUIPMENT.	1998	\$540,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	L	C	43633	City of Yuba City	5110002 014	Acquisition of Hillcrest WC and Expand the Yuba City SWTP to serve the Hillcrest water region customers when new arsenic limits are adopted.	2001	\$30,000,000
	L	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 007	Drill new replacement well	2001	\$450,000
	L	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 008	Review treatment options, construct treatment facilities	2003	\$750,000
	L	C	29720	California Water Service - San Carlos	4110007 001	Install facilities to enable chloramine disinfection of all systems reservoirs (22) and purchase portable chlorination equipment.	1998	\$900,000
	L	C	28000	City of Benicia	4810001 005	Installation of hypalon "curtains" inside of reservoirs to baffle the flow.	2000	\$245,000
	L	C	28000	City of Benicia	4810001 007	Design and construct two new sludge lagoons near the washwater recovery basin, a small recycle basin and pump station.	2000	\$600,000
	L	C	28000	City of Benicia	4810001 006	Design and construct ozone facilities at the Water Treatment Plant.	2001	\$4,700,000
	L	C	12340	Cal-Water Service Co.-Marysville	5810001 001	Design and construct a 1.0 MGD treatment plant to address the production problems of these wells.	2000	\$750,000
	L	C	12320	CASITAS MUNICIPAL WATER DIST	5610024 004	Addition of treatment process to the existing pressure filtration TP.	2000	\$1,500,000
	L	C	11046	BALDY MESA CWD	3610010 002	Construct treatment plant to treat water from California Aqueduct	2001	\$20,500,000
	L	C	8000	McFarland MWC	1510013 001	A) Eliminate low volumes and possible bacteriological problems. B) Portable electric generator to restore water service during power outages.	1998	\$211,000
	L	C	7500	LA PUENTE VALLEY CWD	1910060 002	Design and construction of a 3000 gpm Perchlorate treatment facility when treatment technology becomes available. Project involves: Design to solve problem and Construction	1998	\$750,000
	L	C	5190	Calistoga, City of	2810002 006	Improve mixing and filtration; add coagulant system.	2000	\$200,000
	L	C	5000	WESTERN HEIGHTS WATER COMPANY	3610053 002	Construct a 2-million gallon reservoir to blend two standby wells	2002	\$750,000
	L	C	4920	Coachella VWD: I.D. NO. 10	3310063 001	Feasibility study to evaluate alternatives and determine the most cost effective and efficient solution for providing a long term, reliable source of water to this area.	2003	\$200,000
	L	C	4920	Coachella VWD: I.D. NO. 10	3310063 002	Replace groundwater wells with a canal water treatment system to treat canal water to drinking water standards in order to serve to customers for potable water purposes. (Install a surface water treatment plant.)	2003	\$5,000,000
	L	C	4920	Coachella VWD: I.D. NO. 10	3310063 003	Abandon existing wells and drill new wells 2 miles west of existing wells, in and area where arsenic levels are less than 10 ppb, install a transmission main and an elevated reservoir to serve the area.	2003	\$5,000,000
	L	C	4834	Northern Calif Youth Corr. Center	3910802 001	ESTABLISH CONNECTION WITH CITY OF STOCKTON OTHER = DESIGN AND CONSTRUCTION	1998	\$780,000
	L	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 012	Construct treatment facilities	1998	\$140,000
	L	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 008	Modify existing facilities to meet the new MCLs	2002	\$2,000,000
	L	C	3300	Glenshire Mutual Water Company	2910036 001	Install package treatment plant with piping for waste requirements. Involves design and construction.	1998	\$0

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	L	C	2244	SO CA WATER CO - MORONGO DEL SUR	3610063 001	Construct treatment facilities	1998	\$250,000
	L	C	2178	Coachella VWD: I.D. NO. 11	1310011 003	Drill new well sites north of the existing ID # 11 well field. Future ID # 11 wells to provide water to the existing 1310017	2002	\$2,000,000
	L	C	2178	Coachella VWD: I.D. NO. 11	1310011 001	Install 13 miles of transmission line from the Valerte Jean area adjacent to the existing Highway 86 south to the county line and connect to the existing 1310017	2002	\$4,000,000
	L	C	2178	Coachella VWD: I.D. NO. 11	1310011 002	Feasibility study to look at various alternatives and determine the most cost effective and efficient solution for providing a long term, reliable source of water to this area.	2002	\$200,000
	L	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 007	Review treatment options, construct treatment facilities	2003	\$200,000
	L	C	1700	WARRING WATER SERVICE INC	5610021 001	Drill a replacement well.	1998	\$150,000
	L	C	1500	Pine Valley Mutual WC	3710039 005	Treatment facilities for removal of radon gas from drinking water.	2000	\$1,000,000
	L	C	1488	SO CA WATER CO-VICTORVILLE 5	3610105 001	Construct intertie to increase source capacity	1998	\$120,000
	L	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199 003	Design and construct a 5000 gpm UV well head treatment facility	2001	\$5,000,000
	L	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199 004	Install VOC removal system - Air Stripping Tower with GAC off gas treatment system	2001	\$1,500,000
	L	C	1000	Descanso Community WD	3710009 002	Design and installation of 150 gpm capacity iron/manganese filtration facilities at each of two well sites.	2003	\$500,000
	L	C	870	SO CALIF WC-MOR DEL NORTE	3600270 001	Construct treatment facilities	1998	\$150,000
	L	C	600	San Francisco Regional Water System	3810001 052	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharge to the environment.	1998	\$750,000
	L	C	600	San Francisco Regional Water System	3810001 074	Convert system disinfectant to chloramines. Construct dechloration facilities for discharge to the environment.	1998	\$2,700,000
	L	C	600	San Francisco Regional Water System	3810001 051	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharges to the environment.	1999	\$32,345,000
	L	C	591	CWS UPPER BODFISH WATER COMPANY	1510026 001	DRILL AND EQUIP A NEW WELL AND/OR INSTALL TREATMENT FACILITIES SUCH AS AERATION AND NANO-FILTRATION AT EXISTING FACILITIES. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
	L	C	550	ARROWBEAR PARK CWD	3610110 002	Construct treatment facility	1998	\$350,000
	L	C	500	PLEASANTIMES MUTUAL WATER CO.	0707576 002	Treatment	2002	\$100,000
	L	C	204	MUSTANG MUTUAL WATER SYSTEM	1500555 001	WATER TREATMENT OR CONNECT TO ANOTHER SYSTEM	1999	\$200,000
	L	C	109	Coachella VWD: I.D. NO. 17	3310050 001	Install arsenic treatment plant to treat existing ID No. 17 well to ensure arsenic levels do not exceed EPA's recommended safety margin of 80% of the anticipated arsenic MCL of 10 ppb. Also, treat future ID No. 11 wells as part of system consolidation b	2003	\$3,000,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	L	C	100	C.C.W.D. Sheep Ranch	0510004 001	Replace mixed media filtration with membrane filter. Modify disinfection to use ozone or UV as primary disinfectant.	2003	\$640,000
	L	C	27	SCHWEIKART WATER SYSTEM	1502545 001	RUN 2 MILES OF 12" MAINLINE AND CONSOLIDATE TO VAUGHN WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1999	\$260,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019 001	Basin wide treatment and distribution facilities	1998	\$20,000,000
	L	C	0	COVINA IRRIGATION CO.	1910128 002	CONVERSION TO OZONE SYSTEM	1998	\$1,000,000
	L	C	0	CASTAIC LAKE WATER AGENCY	1910048 005	CONVERT THE EARL SCHMIDT FILTRATION PLANT TO AN OZONATION PLANT. OZONATION COMBINED WITH BIOLOGICALLY ACTIVE FILTRATION AND FREE CHLORINATION LOWERED THM'S BY 20% AT CLWA'S RIO VISTA TREATMENT PLANT, WHICH TREATS THE SAME WATER AS THE EARL SCHMIDT P	1998	\$1,000,000
	L	C	0	CASTAIC LAKE WATER AGENCY	1910048 001	REPIPE EFFLUENT TO CREATE FLOWTHROUGH CLEARWELLS. THE CURRENT PIPE WILL BECOME AN INFLUENT LINE, AND A NEW 54" PIPELINE WILL CONVEY THE EFFLUENT TO THE SYSTEM. THIS WILL MINIMIZE THM'S.	1998	\$1,000,000
	L	C	0	Santa Clara Valley Water District	4310027 002	Solution to the problem requires the construction of a settled water ozone system using LOX as feed gas and sulfuric acid and hydrogen peroxide for bromate control, with fine bubble diffusion ozone contactors followed by GAC filtration.	1998	\$58,000,000
	L	C	0	LOPEZ PROJECT	4010022 004	Study & develop an enhanced coagulation program designed to achieve DBPR compliance	1998	\$100,000
	L	C	0	Santa Clara Valley Water District	4310027 003	Need to change the current treatment to one using ferric chloride as the primary coagulant.	1998	\$7,400,000
	L	C	0	THREE VALLEYS MWD	1910041 004	INSTALL OZONATION PLANT FOR OZONE DISINFECTION.	1999	\$10,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019 002	Basin wide treatment and distribution facilities	1999	\$20,000,000
	L	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045 002	INSTALL AMMONIA FEED SYSTEMS AT THREE WATER TREATMENT PLANTS	1999	\$562,500
	L	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053 003	INSTALL AMMONIA FEED SYSTEMS AT ONE WATER TREATMENT PLANT	1999	\$187,500
	L	C	0	UNITED WTR CONS DIST	5610046 003	Construct RO plant at El Rio facility, 25 mgd.	1999	\$18,500,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019 003	Basin wide treatment and distribution facilities	2000	\$20,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019 004	Basin wide treatment and distribution facilities	2001	\$20,000,000
	L	C	0	SAN BERNARDINO VALLEY WD	3610019 005	Basin wide treatment and distribution facilities	2002	\$20,000,000
	L	P	575	MOSS LANDING SCHOOL	2700598 001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	400	ECHO VALLEY SCHOOL	2700552 001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	250	EL CAMINO HIGH SCHOOL	2702490 001	Install a corrosion control treatment unit.	2000	\$80,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	L	P	250	WASHINGTON UNION SCHOOL	2701221 001	Install a corrosion control treatmetn unit	2000	\$80,000
	L	P	200	Salmon Creek Middle School	4901168 001	Upgrade treatment facilities	2002	\$50,000
	L	P	95	CAPTAIN COOPER SCHOOL	2702322 005	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	90	EDNA BEAMAN ELEMENTARY SCHOOL	2600568 001	Drill new well	1998	\$150,000
	L	P	75	SAN ARDO MOBIL OIL FIELDS	2701187 001	Consolidate with Ambler Park Water System (2710006)	2000	\$80,000
	L	P	39	BRADLEY UNION SCHOOL	2700964 001	Install a corrosion control treatment unit.	2000	\$80,000
	L	P	37	FULL CIRCLE PROGRAMS, INC.	2100575 002	Install Hydrotech 100 gpd TFC Reverse Osmosis System with Pre-Filters and Post Filters, Storage tank.	1999	\$5,000
M	C	1223400	San Diego - City of	3710020 027	Reline the existing prestressed pipeline (Miramar Pipe Line Improvements - Phase IV).	2003	\$4,400,000	
M	C	1223400	San Diego - City of	3710020 057	The RB pump station upgrade project includes the addition of pumping capacity to the existing 25 mgd capacity pump station.	2003	\$3,552,000	
M	C	1223400	San Diego - City of	3710020 008	Replacement of the 10 million gallon concrete reservoir with two 5 million gallon prestressed circular concrete reservoirs.	2003	\$4,153,062	
M	C	1223400	San Diego - City of	3710020 026	reline existing prestressed pipeline (Miramar Pipeline improvements phase III)	2003	\$5,300,000	
M	C	1223400	San Diego - City of	3710020 005	Safety, sanitation, appurtenance, exterior and interior surface restoration, cathodic protection, and structural improvements to the 5.2 million gallon tank.	2003	\$2,500,000	
M	C	1223400	San Diego - City of	3710020 053	Replace about 5600 linear feet of 16 inch cast iron water main.	2003	\$4,570,000	
M	C	1223400	San Diego - City of	3710020 055	Demolish 30 million gallon clearwell no. 2 and replace with new prestressed concrete tanks which complies with current seismic code.	2004	\$20,000,000	
M	C	1200000	East Bay MUD	0110005 008	INSTALL RESERVOIR OVERFLOW SCREENS. IMPROVE RESERVOIR SAMPLING AND CHLORINATION FACILITIES.	1998	\$2,500,000	
M	C	1200000	East Bay MUD	0110005 007	Modifying Piedmont, Summit and Estates Reservoir roofs. Remove the decorative pond. Double contaminent and inspection and testing of non-potable structures will be provided.	1998	\$1,134,000	
M	C	1200000	East Bay MUD	0110005 024	Rebuild 4 filters at the Sobrante Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs, and the addition of air scour.	2002	\$3,000,000	
M	C	1200000	East Bay MUD	0110005 023	Rebuild one filter at Upper San Leandron Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs and the addition of air scour.	2002	\$472,000	
M	C	1200000	East Bay MUD	0110005 025	Rebuild nine filters at Upper San Leandro Water Treatment Plant. This work includes replacement of media, underdrains, washwater troughs ad the addition of air scour.	2003	\$3,275,000	
M	C	1200000	East Bay MUD	0110005 026	Replace forty valves at Upper San Leandro Water Treatment Plant. These valves include 20" filter valves, 20" washwater valves and 8" re-wash valves.	2003	\$1,700,000	
M	C	1200000	East Bay MUD	0110005 027	New Hypochlorite pumps will be installed in the existing disinfection systems to improve reliability as a result of this project.	2003	\$700,000	
M	C	979000	San Jose Water Company	4310011 003	Replace 20 miles of aging water mains.	1998	\$20,000,000	

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	480000	Eastern Municipal WD	3310009 001	Study and upgrade the distribution system and investigate the feasibility of reactivating the nitrate wellhead treatment system. Install proper controls and upgrade piping and instrumentation.	1998	\$1,000,000
	M	C	480000	Eastern Municipal WD	3310009 029	Install cathodic protection and bond all pipe joints.	1998	\$778,600
	M	C	480000	Eastern Municipal WD	3310009 035	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$911,000
	M	C	480000	Eastern Municipal WD	3310009 034	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$710,000
	M	C	480000	Eastern Municipal WD	3310009 033	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$381,000
	M	C	480000	Eastern Municipal WD	3310009 032	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$296,000
	M	C	480000	Eastern Municipal WD	3310009 031	Install cathodic protection on this pipeline.	1998	\$123,000
	M	C	480000	Eastern Municipal WD	3310009 030	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$991,000
	M	C	480000	Eastern Municipal WD	3310009 028	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$936,000
	M	C	480000	Eastern Municipal WD	3310009 027	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1998	\$630,000
	M	C	480000	Eastern Municipal WD	3310009 022	Develop an annual program for replacements of these pipeline and valves.	1998	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 015	Construct a 3.4 MG finished water tank.	1998	\$2,730,800
	M	C	480000	Eastern Municipal WD	3310009 008	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1998	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 007	Construct a 1.0 MG finished water tank.	1998	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 050	Replace leaky section of CML&C pipe with PVC.	1999	\$1,020,000
	M	C	480000	Eastern Municipal WD	3310009 023	Develop an annual program for replacements of these pipeline and valves.	1999	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 009	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	1999	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 048	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	1999	\$360,000
	M	C	480000	Eastern Municipal WD	3310009 049	Replace these CML&C pipes with PVC and where necessary upgrade undersized pipe.	1999	\$172,000
	M	C	480000	Eastern Municipal WD	3310009 024	Develop an annual program for replacements of these pipeline and valves.	2000	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 010	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2000	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 011	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2001	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 025	Develop an annual program for replacements of these pipeline and valves.	2001	\$500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	480000	Eastern Municipal WD	3310009 012	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	2002	\$500,000
	M	C	480000	Eastern Municipal WD	3310009 026	Develop an annual program for replacements of these pipeline and valves.	2002	\$500,000
	M	C	438000	FRESNO, CITY OF	1010007 003	CONSTRUCTION OF NEW MAINS AND TRANSFER OF SERVICES TO NEW MAINS.	1998	\$574,600
	M	C	438000	FRESNO, CITY OF	1010007 009	Construction of new water mains in public street right-of-ways.	2003	\$600,000
	M	C	400600	City of Sacramento	3410020 003	Conduct a cross-connection program survey. Data will be used to establish a priority list for backflow assembly.	1998	\$131,500
	M	C	400600	City of Sacramento	3410020 013	Provide new treated water pump station and connecting piping. Involves design and construction.	1998	\$20,000,000
	M	C	400600	City of Sacramento	3410020 007	Install a new engine-generator for additional standby power. Involves refinance, design and construction.	1998	\$100,000
	M	C	400600	City of Sacramento	3410020 022	Isolate South Sac as single pressure zone. Modify Florin Reservoir Pump Station to increase discharge head. Construct groundwater well to help supply peak demand. Involves refinancing and construction.	1998	\$306,000
	M	C	400600	City of Sacramento	3410020 015	Provide additional standby power by installing a new engine-generator. Involves refinancing, design and construction.	1998	\$100,000
	M	C	400600	City of Sacramento	3410020 016	Repair cracks and place a concrete coating on the slab and wall surfaces.	1998	\$500,000
	M	C	400600	City of Sacramento	3410020 014	Install a new 60-inch steel interconnecting pipe. Involves refinancing and construction.	1998	\$100,000
	M	C	333000	City of Anaheim	3010001 001	Abandon the six existing wells that draw from the swallow aquifer and construct six replacement wells that will draw from the deeper aquifers. The project will be completed in phases over a 5 year period .	1998	\$1,020,000
	M	C	333000	City of Anaheim	3010001 003	Replace or reline the unlined cast iron pipes in phases over a five year period.	1998	\$9,600,000
	M	C	200000	Contra Costa Water District	0710003 006	Plan, design and construct structural improvements.	1998	\$7,000,000
	M	C	200000	Contra Costa Water District	0710003 008	Replace mains on a prioritized basis.	1998	\$2,000,000
	M	C	200000	Contra Costa Water District	0710003 003	Construction of a new 48-inch diameter pipeline parallel to the existing pipeline and a new inlet structure.	1998	\$1,700,000
	M	C	200000	Contra Costa Water District	0710003 007	Nineteen storage projects will be implemented over a ten year period to severe existing customers.	1998	\$40,600,000
	M	C	200000	Contra Costa Water District	0710003 015	Replace existing pipes which experience significant leak repair incidents; or undersized fire flow and distribution capacity; relocation of existing pipelines as legally required.	2000	\$9,844,000
	M	C	199300	City of Huntington Beach	3010053 006	To develop additional reservoir facilities City-wide to make up the shortage of water storage capacity. This project will add approximately 10.4 million gall. of storage capacity, booster pump connection to the transmission main at a new reservoir si	1998	\$10,000,000
	M	C	199300	City of Huntington Beach	3010053 007	Undertake structural improvements to bring the facility up to seismic standards.	1998	\$3,000,000
	M	C	199300	City of Huntington Beach	3010053 001	Water main replacement projects to replace old and deficient pipelines at various locations throughout the City.	1998	\$2,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	199300	City of Huntington Beach	3010053 003	Installation of water treatment facilities at these well sites (possibly ozone or RO systems) should reduce or eliminate these problems.	1998	\$5,000,000
	M	C	199300	City of Huntington Beach	3010053 004	To construct emergency back-up systems for Well nos. : 5, 6, 9, 10, and 1. Also Emergency generator for Dyke Well(electric well)	1998	\$400,000
	M	C	199300	City of Huntington Beach	3010053 005	Construct flouridation system for two of the facilities (No 9 and No 44) and modify the existing facility (No35) to meet current requirements.	1998	\$600,000
	M	C	199300	City of Huntington Beach	3010053 009	Construct a replacement well facility . Proposed Well No. 12 is located in the vicinity of Peck Reservoir, where it is anticipated the water will be stored.	1998	\$2,000,000
	M	C	199300	City of Huntington Beach	3010053 008	Modify the existing facilities and systems to meet code requirements and the City's standardized system wide chlorination requirements for existing and new facilities.	1998	\$900,000
	M	C	180000	Marin Municipal Water District	2110002 002	Replace floating cover and configuration.	1999	\$1,000,000
	M	C	180000	Marin Municipal Water District	2110002 001	replace any average two tanks a year. With other types of storage,	2003	\$3,000,000
	M	C	164845	SCWC - SOUTHWEST	1910155 005	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER	1998	\$1,000,000
	M	C	164845	SCWC - SOUTHWEST	1910155 006	INSTALL CHLORINATION TURNOUTS AT 12 MWD CONNECTIONS	1998	\$180,000
	M	C	164845	SCWC - SOUTHWEST	1910155 008	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	M	C	164845	SCWC - SOUTHWEST	1910155 001	REPLACE WATER MAINS IN CRITICAL AREAS.	1998	\$3,575,000
	M	C	164845	SCWC - SOUTHWEST	1910155 014	EQUIP THE WELL, INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	1998	\$1,100,000
	M	C	164845	SCWC - SOUTHWEST	1910155 007	CEMENT LINING WATER MAINS IN CRITICAL AREAS	1998	\$1,000,000
	M	C	161900	Moulton Niguel Water District	3010073 005		1998	\$2,500
	M	C	161900	Moulton Niguel Water District	3010073 008	Drill two wells to provide up to 2 cfs of water for health and safety demands during a long term outage.	1999	\$2,300,000
	M	C	161900	Moulton Niguel Water District	3010073 001	Construct 100 million gallon drinking water storage facility	2000	\$45,000,000
	M	C	161900	Moulton Niguel Water District	3010073 003	Construction of a new 24" forcemain in a new safe location.	2001	\$3,000,000
	M	C	161900	Moulton Niguel Water District	3010073 004	Constructing a new parallel sewer forceman in Crown Valley Parkway.	2001	\$2,000,000
	M	C	161900	Moulton Niguel Water District	3010073 006	Construction of a new 16-inch parallel pipeline in Crown Valley Parkway.	2001	\$4,000,000
	M	C	161900	Moulton Niguel Water District	3010073 002	Replace easement pipelines with ductile iron pipe with restraint joints, increasing reliability.	2001	\$3,000,000
	M	C	160753	Oceanside, City of	3710014 004	Galbar St. water line is the solution to alleviate low pressure problems and reduce the need for a pump station.	1998	\$500,000
	M	C	160753	Oceanside, City of	3710014 001	Construction of a 6.3 MGD desalting facility using RO.	1998	\$7,500,000
	M	C	160753	Oceanside, City of	3710014 005	Areas 4, 5, and 6 pipeline replacement with larger line and modern materials will eliminate the fire flow and leakage problems.	1998	\$850,000
	M	C	160753	Oceanside, City of	3710014 002	Design and construction of replacement water lines in Areas 1 and 13 to increase size upgrade materials.	1999	\$1,300,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	160000	PASADENA-CITY, WATER DEPT.	1910124 001	REPLACE WITH A NEW, BURIED, POST-TENSIONED 7.5 MG CONCRETE RESERVOIR AND MAKE NECESSARY CHANGES TO THE DISTRIBUTION SYSTEM AT THE RESERVOIR SITE.	1998	\$5,500,000
	M	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 001	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE NORTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$1,250,000
	M	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 003	CONSTRUCT TREATMENT FACILITY USING AIR STRIPPING TECHNOLOGY	1998	\$1,000,000
	M	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 002	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE SOUTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	1998	\$850,000
	M	C	157829	SAN GABRIEL VALLEY WATER CO.-EL MONTE	1910039 004	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE (FOR NITRATE) AND AIR STRIPPING (FOR TCE) TECHNOLOGIES	1998	\$3,500,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 005	REPLACEMENT OF THE 0.4MG TANK WITH A 1.5 MG RESERVOIR (RESERVOIR 1B).	1998	\$510,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 007	INSTALL GAC TREATMENT VESSEL	1998	\$100,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 006	DRILL A NEW HIGH CAPACITY WELL FROM DEEPER AQUIFER	1999	\$350,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 004	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2000	\$1,200,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 002	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2001	\$1,200,000
	M	C	153690	CALIFORNIA WATER SERVICE CO. - ELA	1910036 001	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	2002	\$1,200,000
	M	C	149473	POMONA- CITY, WATER DEPT.	1910126 008	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$160,000
	M	C	149473	POMONA- CITY, WATER DEPT.	1910126 007	MANIFOLD PIPELINE WAS CONSTRUCTED TO GATHER NITRATE LADEN WATER FROM VARIOUS WELL SITES TO THE ANION EXCHANGE NITRATE REMOVAL FACILITY.	1998	\$576,000
	M	C	149473	POMONA- CITY, WATER DEPT.	1910126 002	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	1998	\$222,000
	M	C	149473	POMONA- CITY, WATER DEPT.	1910126 003	INSTALL AIR STRIPPERS	2000	\$209,500
	M	C	140000	Santa Margarita Water District	3010101 001	Design and construction of new wells, treatment facilities, storage tank and piping systems to serve public and private systems along upper San Juan Creek area.	1998	\$6,460,000
	M	C	135000	SAN BERNARDINO CITY	3610039 002	Construct 4000 ft Devore transmission main to replace existing 16 inch line built in 1940	1998	\$315,000
	M	C	135000	SAN BERNARDINO CITY	3610039 004	Replace 20 inch Baseline main with 36 inch	1999	\$950,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	135000	SAN BERNARDINO CITY	3610039 005	Replace 12 inch 'E' Street main with 24 inch	1999	\$240,000
	M	C	135000	SAN BERNARDINO CITY	3610039 006	Replace 12 inch Foothill Blvd main with 16 inch	2000	\$450,000
	M	C	135000	SAN BERNARDINO CITY	3610039 007	Replace 16 inch Meridian main with 24 inch	2000	\$750,000
	M	C	135000	SAN BERNARDINO CITY	3610039 008	Replace 16 inch Cajon Canyon well field line built in the 1920's with a 24 inch	2000	\$750,000
	M	C	135000	SAN BERNARDINO CITY	3610039 012	Construct 2 MG Ogdon reservoir	2001	\$1,000,000
	M	C	135000	SAN BERNARDINO CITY	3610039 010	Construct Scott Laboratories 4.5 MG reservoir	2001	\$2,250,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 001	DRILL A 2000 GPM REPLACEMENT WELL	1998	\$975,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 003	PHASE 1 OF 3: CONSTRUCT A 1 MG CONCRETE RESERVOIR	1998	\$950,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 004	PHASE 2 OF 3: DEMOLITION OF THE EXISTING RESERVOIR AND CONSTRUCTION OF A NEW 2 MG CONCRETE RESERVOIR	1999	\$980,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 002	DRILL A 3500 GPM WELL TO REPLACE LOST CAPACITY	1999	\$990,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 006	PHASE 1 OF 2: DEMOLITION AND GRADING	2000	\$700,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 005	PHASE 3 OF 3: SITE WORK SUCH AS DRIVEWAYS AND TREES TO COMPLETE PROJECT	2000	\$350,000
	M	C	132940	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 007	PHASE 2 OF 2: CONSTRUCTION AND SITE WORK	2001	\$900,000
	M	C	128300	City of Fullerton	3010010 005	Seal the lower well screens with concrete.	1998	\$40,000
	M	C	128300	City of Fullerton	3010010 003	Design and construction of water mains .	1998	\$1,075,500
	M	C	128300	City of Fullerton	3010010 007	Pipeline replacement	1998	\$8,063,750
	M	C	128300	City of Fullerton	3010010 006	Upgrade booster station at Lower Acacia Reservoir to provide required flow to upper regions of Zone 3. Add additional pump at Reservoir 2B to boost Zone 3 pressure during high demand times. Construct 5000 feet of 16 inch main in Brea Blvd.	1999	\$804,000
	M	C	128300	City of Fullerton	3010010 004	Install two sections of 16-inch water main	1999	\$1,060,000
	M	C	128300	City of Fullerton	3010010 008	The City is proposing to demolish the existing Hillcrest Reservoir and construct a new reservoir at the same site.	2000	\$7,700,000
	M	C	128300	City of Fullerton	3010010 002	Abandon this well and construct a new well and wellhead facilities at the same site or nearby.	2000	\$1,600,000
	M	C	128300	City of Fullerton	3010010 001	Construct a new well an wellhead facilities (including treatment) in the North end of the City of Fullerton's service area	2001	\$2,300,000
	M	C	127800	Escondido, City of	3710006 005	Construct new reservoir (3 MG) and pipelines and booster PS.	1998	\$3,100,000
	M	C	127800	Escondido, City of	3710006 006	Rehabilitate reservoir rather than new. Replace inlet/outlet lines.	1998	\$750,000
	M	C	127800	Escondido, City of	3710006 002	Design and construct replacement	1998	\$1,750,000
	M	C	127800	Escondido, City of	3710006 001	Design and construct new 24" transmission main to reservoir.	1999	\$2,750,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	120000	INGLEWOOD- CITY, WATER DEPT.	1910051 001	DEMOLISH THE EXISTING RESERVOIR AND RECONSTRUCT THREE 5.3 MG PRESTRESSED CONCRETE RESERVOIRS.	1998	\$10,000,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 001	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 002	Construct additional transmission line with intertie to adjacent utility	1998	\$1,250,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 005	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 006	Construct treatment facility	1998	\$2,500,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 007	Construct treatment facility	1999	\$2,000,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 008	Construct treatment facility	1999	\$2,000,000
	M	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 009	Construct treatment facility	1999	\$2,000,000
	M	C	111000	City of Stockton.	3910012 003	Pipeline connecting the City of Stockton South to Stockton East Water District Surface Water Treatment Plant	2001	\$4,950,000
	M	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 004	CONSTRUCT A NEW WELL AND BLEND ITS WATER WITH THE SHUT DOWN WELLS INTO A NEW FOREBAY TANK	1999	\$400,000
	M	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 003	CONSTRUCT 15,800' OF 36" WATER MAIN	1999	\$4,300,000
	M	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 005	CONSTRUCT 2 NEW 500' WELLS NEAR EXISTING WELLS	2001	\$816,000
	M	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 006	CONSTRUCT 3 NEW 500' WELLS NEAR EXISTING WELLS	2002	\$1,224,000
	M	C	107800	Southern Calif WC - West Orange	3010022 001	Study the need to install chloramination facilites.	1998	\$85,000
	M	C	105600	Mesa Consolidated WD	3010004 017	Replace the 8" line on Fairview	1998	\$80,000
	M	C	105600	Mesa Consolidated WD	3010004 018	Replace 4" line on Gisler	1998	\$172,500
	M	C	105600	Mesa Consolidated WD	3010004 019	Replace 12" line on Harbor Blvd	1998	\$3,180,000
	M	C	105600	Mesa Consolidated WD	3010004 016	Replace 8" line on Fairview.	1998	\$90,000
	M	C	105600	Mesa Consolidated WD	3010004 021	Replace 6" line on Meyer	1998	\$397,500
	M	C	105600	Mesa Consolidated WD	3010004 013	Replacement of the main	1998	\$40,000
	M	C	105600	Mesa Consolidated WD	3010004 022	Replace 12" line on Monterey	1998	\$285,000
	M	C	105600	Mesa Consolidated WD	3010004 023	Construct a 6" tie in line at Pamela and Wilson.	1998	\$15,000
	M	C	105600	Mesa Consolidated WD	3010004 024	Replace the 14" line on Placentia	1998	\$1,645,000
	M	C	105600	Mesa Consolidated WD	3010004 026	Construction of 5 interies at 23rd and Newport , Kemp reservoir and Wilson, Santa Ana & Mesa, Santa Isabel & Tustin and Monte Vista & Santa Ana	1998	\$200,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	105600	Mesa Consolidated WD	3010004 027	Installations of a second service line off a second distribution main to allow for uninterrupted service.	1998	\$325,000
	M	C	105600	Mesa Consolidated WD	3010004 028	Replace 10" line on Village	1998	\$887,500
	M	C	105600	Mesa Consolidated WD	3010004 020	Replacement of the main	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004 029	Replace the 8" line on Wallace	1998	\$530,000
	M	C	105600	Mesa Consolidated WD	3010004 014	Replace 12" line on Fairview	1998	\$810,000
	M	C	105600	Mesa Consolidated WD	3010004 030	Installation of a storm drain on 23rd Street, and an overflow line from the reservoir.	1998	\$3,000,000
	M	C	105600	Mesa Consolidated WD	3010004 011	Installation of bypass meters to those customers who should not have their service interrupted.	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004 010	Replace 16" line on Baker	1998	\$2,760,000
	M	C	105600	Mesa Consolidated WD	3010004 009	Replace 12" line on Adams	1998	\$1,260,000
	M	C	105600	Mesa Consolidated WD	3010004 008	Replace 16" line on Placentia	1998	\$1,960,000
	M	C	105600	Mesa Consolidated WD	3010004 007	Replace 12" line on 19th street.	1998	\$1,200,000
	M	C	105600	Mesa Consolidated WD	3010004 006	Replacement of main.	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004 005	Replace 8" line on 18th Street.	1998	\$520,000
	M	C	105600	Mesa Consolidated WD	3010004 004	Replace it with a new well producing clear water	1998	\$500,000
	M	C	105600	Mesa Consolidated WD	3010004 002	Replace ozone generators and Contractors.	1998	\$1,500,000
	M	C	105600	Mesa Consolidated WD	3010004 001	Construction of a treatment facility which treats this water with ozone and micorfiltration to meet standards.	1998	\$16,000,000
	M	C	105600	Mesa Consolidated WD	3010004 015	Replace 18" line on Fairview	1998	\$1,957,500
	M	C	104600	City of Santa Clara	4310012 002	Purchase and install ground motion sensors and motor activated valves at seven tank outlets. This will include ancillary pipe reconstruction and SCADA expansion.	1998	\$1,050,000
	M	C	104600	City of Santa Clara	4310012 001	Demolish and reconstruct 11 well heads.	1998	\$1,275,000
	M	C	103616	AZUSA LIGHT AND WATER	1910007 004	Repair approx. 325 linear feet of cracks in the reservoir wall. Sandblast interior walls - Sandblast exterior surface and apply new stucco coat.	1998	\$180,000
	M	C	103616	AZUSA LIGHT AND WATER	1910007 007	Install transfer switches for all active wells and electric booster pumps.	1998	\$130,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017 009	Design and construct improvements to remove 5 common inlet and outlet tanks or other means to increase mixing in tanks. Purchase 2 potable chlorine disinfection trailers for emergency response.	2003	\$507,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017 011	Design and Construct 8,400 linear feet of 18-inch diameter water transmission pipeline from Main/Callens Road to Telephone/Victoria Ave. Connect existing 18-inch 330 pipeline to existing 30-inch 330 mainline.	2003	\$1,818,000
	M	C	103505	VENTURA WATER DEPARTMENT	5610017 010	Design and construct, new Saticoy well #3, connect pipelines, upgrade and expand existing Saticoy Fe & Mn TP from 4 MGD to 8 MGD.	2003	\$4,735,000
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034 003	Designed and constructed 12 inch water distribution mains.	1998	\$223,263

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034 004	Designed and constructed 12 inch water distribution mains.	1998	\$121,851
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034 001	Designed and constructed 12 inch water distribution mains.	1998	\$414,529
	M	C	102000	DOWNEY - CITY, WATER DEPT.	1910034 002	Designed and constructed 12 inch water distribution mains.	1998	\$42,100
	M	C	100000	TORRANCE-CITY, WATER DEPT.	1910213 001	Construct a new above-grade pumping station that complies with current OSHA safety requirements and provides more groundwater pumping capacity. Project involves: Design, and Construction	1998	\$1,240,000
	M	C	100000	TORRANCE-CITY, WATER DEPT.	1910213 004	Institute a phased pipeline improvement program to replace pipelines having a history of frequent breaks, are beyond their useful life or are failing due to other external factors such as ccorrosive soils. Project involves: Design, and Construction	1998	\$13,208,000
	M	C	99600	WALNUT VALLEY WATER DISTRICT	1910234 002	INSTALL CORRECTLY SIZED BLOW-OFF FACILITIES, REMOVE DEAD-END MAINS THAT SERVE NO PURPOSE.	1998	\$348,000
	M	C	99600	WALNUT VALLEY WATER DISTRICT	1910234 001	INSTALL NEW PIPING AND VALVES AT THE RESERVOIR SITES TO FORCE FLOW-THROUGH AND KEEP WATER FRESH	1998	\$1,418,000
	M	C	95211	CWSC Salinas	2710010 001	Install GAC treatment.	1999	\$400,000
	M	C	95211	CWSC Salinas	2710010 002	Design and construct treatment facilities.	2000	\$1,500,000
	M	C	95211	CWSC Salinas	2710010 003	Design and construct treatment facilities.	2002	\$1,500,000
	M	C	95040	Elsinore Valley MWD	3310012 005	See attached sheet	1998	\$4,300,000
	M	C	95000	SANTA BARBARA WATER DISTRICT	4210010 003	Provide covered reservoir storage	2001	\$4,000,000
	M	C	90000	PALMDALE WATER DIST.	1910102 007	Enclose approximately 2000 feet of Palmdale Ditch between Barrel Springs Road and Palmdale Reservoir adjacent to existing development.	1998	\$600,000
	M	C	90000	PALMDALE WATER DIST.	1910102 001	Replace leased lines with broad-spectrum radio communication.	1998	\$180,000
	M	C	90000	PALMDALE WATER DIST.	1910102 006	Enclose approximately 1000 feet of Palmdale Ditch adjacent to an existing trailer park. Project involves: Design to solve problem, and Construction	1999	\$300,000
	M	C	85300	City of Westminster	3010064 003	Perform a seismic study of Reservoir 1 and Reservoir 2.	1998	\$100,000
	M	C	85300	City of Westminster	3010064 011	Replace 750 leaking and inoperable water main line valces over a five year period.	1998	\$450,000
	M	C	85300	City of Westminster	3010064 010	Replace approx 18,380 feet of 4" water main lines with 8" water main lines to improve water flow and pressure.	1998	\$2,678,877
	M	C	85300	City of Westminster	3010064 006	Install a SCADA system to improve pressure system wide, accommodate MWD MWDOC and OCWD, and to assist in the "Seasonal Storage Program".	2000	\$200,000
	M	C	85300	City of Westminster	3010064 013	Replace gaseous chlorine with on- site chlorine generating stations at 9 well sites and 2 pumping stations thus eliminating the accidental release of chlorine gas.	2000	\$330,000
	M	C	85300	City of Westminster	3010064 001	Install new 12" pipe to improve flow and loop the water system .	2000	\$50,000
	M	C	85300	City of Westminster	3010064 014	Construct two above-ground steel storage tanks, pumphouse, and associated water lines. Since the proposed project site is on a 2.56 acre, there is space available for construction of a new well.	2001	\$5,600,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 008	Construct a new 30 cfs MWD connection. Project involves: Design to solve problem, and Construction	1998	\$300,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 001	Design and construct new chlorination systems and containment buildings.	1998	\$225,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 002	Design and construct new piping to connect the affected Zone to the Morada Pressure Zone.	1998	\$250,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 003	Design and construct one 3,000 gpm connection to the City of Azusa.	1998	\$250,000
	M	C	76000	City of Mountain View	4310007 007	Prepare environmental and construction documents to install a new 2.1 million gallon reservoir.	1998	\$307,000
	M	C	76000	City of Mountain View	4310007 008	Construction of a new 2.1 million gallon reservoir.	1998	\$2,200,000
	M	C	76000	City of Mountain View	4310007 015	Design and construction of upgrades of pump station - variable frequency drive motors, automated controls, standby power, etc.	1998	\$1,749,000
	M	C	76000	City of Mountain View	4310007 002	Design and construct two new wells and one new reservoir to meet demand.	1998	\$110,000
	M	C	76000	City of Mountain View	4310007 011	Upgrading older, smaller diameter, and deteriorating mains from 1993-1996.	1998	\$2,457,000
	M	C	76000	City of Mountain View	4310007 006	Water main replacement throughout the water system.	1998	\$13,900,000
	M	C	76000	City of Mountain View	4310007 013	Installed automatic valves, a variable frequency drive, and a waste cycle at Well #9.	1998	\$170,000
	M	C	76000	City of Mountain View	4310007 001	Construction of the wells.	1998	\$1,100,000
	M	C	76000	City of Mountain View	4310007 014	Design and construction of upgrade of Miramonte pump station.	1998	\$852,000
	M	C	76000	City of Mountain View	4310007 003	Design and construction of well #21 for pressure zone 1 of water system.	1998	\$375,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 006	Construct new treatment facilities at each Well site to remove or blend nitrates, remove perchlorate, remove MtBE, and remove VOC's. Project involves: Study, Design, and Construction	1999	\$1,000,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 004	Design and construct removal or blending facility for the Morada Well.	1999	\$750,000
	M	C	76000	VALLEY COUNTY WATER DIST.	1910009 007	Design and construct a new 3,500 gpm groundwater replacement well.	2000	\$550,000
	M	C	71100	CALIFORNIA WATER SERVICE CO. - PALOS VER	1910104 001	DESIGN AND CONSTRUCT A SECOND LIFT TRANSMISSION MAIN TO PROVIDE GREATER RELIABILITY OF THIS COMMUNITY'S WATER SUPPLY.	2000	\$3,200,000
	M	C	71035	PARK WC - BELLFLOWER-NORWALK	1910211 001	Preliminary and final design and construction of replacement well.	1999	\$1,180,000
	M	C	70600	Napa, City of	2810003 004	Construct new 4 MG treated water storage reservoir at the "A" tank site.	1999	\$2,000,000
	M	C	70600	Napa, City of	2810003 003	Construct new 5 MG treated water reservoir at the Napa State Hospital site.	2000	\$3,080,000
	M	C	70000	LAS VIRGENES MWD	1910225 001	Evaluate the potential new pipe alignments and construct a permanent replacement pipeline. Project involves: Study, Design, and Construction	1998	\$1,500,000
	M	C	70000	LAS VIRGENES MWD	1910225 002	Install approximately 4 - 5 miles of a replacement pipe in street right of way. Project involves: Study, Design, and Construction	2000	\$4,500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 001	Replace mains with 8" D.I. and relocate to streets. Project involves: Design, and Construction	1998	\$700,000
	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 004	Design and construct 12 inch D.I., 10,000 feet, replacement pipeline in Long Beach Blvd.	1999	\$1,600,000
	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 002	Replace mains with 8" D.I. Project involves: Design, and Construction	1999	\$1,400,000
	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 005	Replace mains with 8" D.I. Project involves: Design and Construction	2000	\$1,000,000
	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 006	Replace main with 8" D.I. Project involves: Design and Construction	2001	\$1,200,000
	M	C	65000	COMPTON-CITY, WATER DEPT.	1910026 007	Replace mains with 8" D.I. Project involves: Design and Construction	2002	\$1,800,000
	M	C	63500	City of Tustin	3010046 001	Removing soil from the roof and installation a waterproof cement based slurry on the roof deck. The columns will be repaired by providing additional ties, vertical reinforcement and concrete cover around the columns. Ret.walls will be removed and rep	1998	\$476,000
	M	C	63500	City of Tustin	3010046 004	Repairs will consist of installing a new top slab on the existing reservoir along with repairs to the columns and roof beams. A hypalon liner is proposed for the floor and side slopes of the reservoir after the existing roots have been removed and th	1998	\$670,000
	M	C	63500	City of Tustin	3010046 002	The City is proposing to construct a new concrete reservoir with a capacity of 7.0 MG	1998	\$6,600,000
	M	C	62000	City of Palo Alto	4310009 001	Replace water mains.	1998	\$2,200,200
	M	C	62000	City of Palo Alto	4310009 002	Extend a SCVWD line from Mt. View to Palo Alto along the Foothill Expressway.	1998	\$3,000,000
	M	C	62000	City of Palo Alto	4310009 008	Contract a new intertie to Hetch-Hetchy Division tubes 3 & 4 to add second feed into Hospital Zone.	1998	\$1,800,000
	M	C	62000	City of Palo Alto	4310009 005	Construct a new return pipe from Montbello reservoir to pressure zone 1.	1998	\$2,000,000
	M	C	62000	City of Palo Alto	4310009 006	A two million gallon reservoir is needed to improve storage.	1998	\$4,000,000
	M	C	62000	City of Palo Alto	4310009 004	Install variable frequency drives and water treatment to connect wells to standby wells.	1998	\$1,200,000
	M	C	61000	VICTOR VALLEY WATER DISTRICT	3610052 001	Construct needed facilities to ensure compliance with Waterworks Standards.	1998	\$2,900,000
	M	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 004	In 1997, the City replaced the mains and services to upgrade the water pressure and improve service to the customers.	1998	\$130,700
	M	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 002	Design and construct a replacement storage facility of similar capacity to the existing structure.	2001	\$1,500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	58089	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 001	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	2001	\$950,000
	M	C	58089	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 002	PHASE 2 OF 2: CONSTRUCTION OF A NEW ROOF	2002	\$550,000
	M	C	57520	CWSC Los Altos Suburban	4310001 001	Design and construct a nitrate treatment facility and appropriate piping system.	1999	\$1,500,000
	M	C	57520	CWSC Los Altos Suburban	4310001 002	Design and construct a nitrate treatment facility and appropriate piping system.	2001	\$1,500,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 003	Install SCADA system. Project involves: Design to solve problem and Construction	1998	\$935,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 001	Install 3 generators to partially operate system when primary power gone.	1998	\$670,000
	M	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 002	Build 3 reservoirs (total 8.7 million gallons) in 3 different pressure zones.	1998	\$7,600,000
	M	C	55000	City of Chino Hills	3610036 003	Replace undersized transmission line	1998	\$1,050,000
	M	C	55000	City of Chino Hills	3610036 010	Replace older transmission mains	1998	\$625,000
	M	C	55000	City of Chino Hills	3610036 001	Construct new 30 in mainline	1998	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 011	Drill 8 to 14 new wells	1998	\$5,390,000
	M	C	55000	City of Chino Hills	3610036 006	Construct reservoir R23	1998	\$1,125,000
	M	C	55000	City of Chino Hills	3610036 012	Construct new 24inch main in Central Ave to increase capacity	1998	\$775,000
	M	C	55000	City of Chino Hills	3610036 023	Expand boosters B-5 and B-6 for backup capacity	1998	\$750,000
	M	C	55000	City of Chino Hills	3610036 005	Construct 5 MG reservoir R21	1998	\$2,500,000
	M	C	55000	City of Chino Hills	3610036 024	Expand booster B-9 for backup capacity	1998	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 013	Construct new main to Reservoir R-19 and R-20	1998	\$475,000
	M	C	55000	City of Chino Hills	3610036 022	Modify booster B-1	1998	\$1,500,000
	M	C	55000	City of Chino Hills	3610036 014	Construct new main to Reservoir R-23	1999	\$65,000
	M	C	55000	City of Chino Hills	3610036 016	Construct new 24inch transmission line Schaefer Ave	1999	\$700,000
	M	C	55000	City of Chino Hills	3610036 008	Construct new booster station to supply R21	1999	\$1,000,000
	M	C	55000	City of Chino Hills	3610036 015	Construct 2 MG reservoir R22	2000	\$1,125,000
	M	C	55000	City of Chino Hills	3610036 017	Modify existing booster station B-7	2000	\$1,625,000
	M	C	55000	City of Chino Hills	3610036 019	Upgrade Carbon Cyn PRV	2000	\$125,000
	M	C	55000	City of Chino Hills	3610036 009	Construct new booster station B-11	2000	\$3,125,000
	M	C	55000	City of Chino Hills	3610036 018	Loop mainlines	2001	\$280,000
	M	C	55000	City of Chino Hills	3610036 020	Loop mainlines	2001	\$160,000
	M	C	55000	City of Chino Hills	3610036 021	Construct new main to supply R-22	2001	\$45,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	53761	GLENDORA-CITY, WATER DEPT.	1910044 002	Replace the 20" line with a 30" Ductile Iron line with greater volume and pressure for fire protection as well as providing more well water and less reliance on import treated.	1998	\$4,500,000
	M	C	53761	GLENDORA-CITY, WATER DEPT.	1910044 001	Utilize a VOC preliminary study to begin design and eventually construct a treatment facility to have the opportunity to pump from the main basin, offsetting import water costs. FY: 98/99 or 99/00	1998	\$800,000
	M	C	53540	CALIFORNIA WATER SERVICE - LIVERMORE	0110003 001	Stations 10, 12, 17, and 19. Design and construct blending controls to assure proper operation of facilities, so that standards are met at all times.	1999	\$120,000
	M	C	53000	North Marin Water District	2110003 015	STUDY NEEDS, IMPLEMENT AS APPROPRIATE.	2001	\$100,000
	M	C	52625	SCWC-SAN DIMAS	1910142 001	REPLACE UNDERSIZED MAINS OVER A 2 YEARS PERIOD	1998	\$385,000
	M	C	52000	Olivenhain MWD	3710029 001	Olivinahain has completed all environmental studies and received all state and federal permits for 82 MGD plant. Pilot studies shall be commenced in early summer of 1997.	1998	\$30,000,000
	M	C	51226	Arcade WD - Town & Country	3410001 003	Install booster pump station and 5 mg reservoir. Involves design and construction.	1998	\$3,000,000
	M	C	51226	Arcade WD - Town & Country	3410001 004	Install 7.2 mg water storage reservoir. Involves design and construction.	1998	\$3,500,000
	M	C	51226	Arcade WD - Town & Country	3410001 001	Construct large diameter connecting and transmission mains to allow water to be moved throughout system. Involves design and construction.	2000	\$14,200,000
	M	C	50700	El Toro Water District	3010079 004	Drilling wells and conveyance system	2001	\$4,500,000
	M	C	50700	El Toro Water District	3010079 005	Replacement of floating cover	2002	\$4,500,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091 004	Development of water supplies within LAWD i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS.	1998	\$550,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091 003	Development of water supplies within LAWD , i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS for the purpose of providing a water supply for emergency use.	1998	\$500,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091 002	By equipping water wells with emergency power receptacles , portable generators could safely supply electrical power to the wells, which are the Districts only alternative to imported water.	1998	\$100,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091 005	Install emergency power generators at District's two key pump stations to move water from the LAWD emergency storage reservoirs to the upper hydraulic zones.	1999	\$200,000
	M	C	50000	Irvine Ranch Water District-Los Alisos	3010091 006	A study would have to be performed to determine the most efficient method of retrofitting the Baker Filtration Plant so that raw water could be treated to domestic quality meeting HD Standards.	2000	\$2,000,000
	M	C	48960	SUBURBAN WATER SYSTEMS-LA MIRADA	1910059 001	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	1999	\$850,000
	M	C	48960	SUBURBAN WATER SYSTEMS-LA MIRADA	1910059 002	PHASE 2 OF 2: REPLACE ROOF	1999	\$850,000
	M	C	48500	CAL/AM WATER COOMPANY - SAN MARINO	1910139 001	(See attached description, design report, and preliminary plans and specifications).	1998	\$600,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	48500	CAL/AM WATER COOMPANY - SAN MARINO	1910139 002	Design and construct GAC treatment plant and all other appurtenant piping and equipment.	2000	\$850,000
	M	C	48475	Jurupa Community SD	3310021 003	Replace piplines as shown on Figure 1 (see attached documents).	1998	\$458,000
	M	C	48475	Jurupa Community SD	3310021 002	Drill a municipal well that will yield 1,300 gpm and connect into the District's San Sevaïne Way Pipeline..	1998	\$500,000
	M	C	48475	Jurupa Community SD	3310021 001	Construct 2 MG welded steel water storage facilities at Jurupa Community Services District's 980' PZ storage tank site.	1998	\$940,000
	M	C	48475	Jurupa Community SD	3310021 005	Ion exchange treatment of groundwater supplies. (see attached report)	1998	\$2,000,000
	M	C	48475	Jurupa Community SD	3310021 006	Convert two wells used by Space Center Mira Loma, Inc. to municipal purposes.	1998	\$600,000
	M	C	48475	Jurupa Community SD	3310021 007	Construct the Riverside North Groundwater Basin Project (see attached report).	1998	\$5,400,000
	M	C	48475	Jurupa Community SD	3310021 004	Construct a 12" CML/CMC from the District's Bain St. pipeline along Mission Blvd. To Avon St. (Figure 1).	1998	\$650,000
	M	C	48475	Jurupa Community SD	3310021 008	Distribution system improvements to pump safe water to system to reduce nitrate levels.	2001	\$721,000
	M	C	48418	RIALTO-CITY	3610038 001	Construct new reservoir	1998	\$6,000,000
	M	C	48000	CITY OF COLTON	3610014 010	Replace 38k ft of line	1998	\$2,790,000
	M	C	48000	CITY OF COLTON	3610014 011	Replace and resize lines	1998	\$800,000
	M	C	48000	CITY OF COLTON	3610014 008	Construct 2 MG reservoir	1998	\$2,025,000
	M	C	48000	CITY OF COLTON	3610014 009	Construct 3 MG reservoir, transmission lines	1998	\$2,775,000
	M	C	45300	Hanford, City of	1610003 002	DEVELOP NEW DEEP WELL USING ZONES WITH LOW ARSENIC LEVELS.	1998	\$750,000
	M	C	45000	MONTE VISTA CWD	3610029 001	Recharge basin with low nitrate water using injection wells	1998	\$920,000
	M	C	45000	MONTE VISTA CWD	3610029 003	Recharge basin with low nitrate water using injection wells	1998	\$700,000
	M	C	45000	MONTE VISTA CWD	3610029 004	Construct Plant 17 blending station	1998	\$276,000
	M	C	45000	MONTE VISTA CWD	3610029 005	Construct Plant 4 blending station	1998	\$62,000
	M	C	45000	MONTE VISTA CWD	3610029 007	Replace mainline Phase I	1998	\$410,000
	M	C	45000	Soquel Creek Water District	4410017 011	Replace reservoir with 500,000 gallon steel reservoir at Vista Del Mar Site.	1998	\$520,000
	M	C	45000	Soquel Creek Water District	4410017 017	Replace pipes.	1998	\$819,300
	M	C	45000	Soquel Creek Water District	4410017 018	Replace problem pipes.	1998	\$1,440,000
	M	C	45000	Soquel Creek Water District	4410017 020	Replace pipes.	1998	\$2,553,800
	M	C	45000	Soquel Creek Water District	4410017 001	Projects were constructed after 7/93--design and permit costs came before 7/93.	1998	\$4,000,000
	M	C	45000	Soquel Creek Water District	4410017 010	Install reservoir - 50,000 gallon welded steel tank.	1998	\$900,000
	M	C	45000	MONTE VISTA CWD	3610029 002	Recharge basin with low nitrate water using injection wells	1999	\$700,000
	M	C	45000	MONTE VISTA CWD	3610029 008	Replace mainline Phase II	1999	\$2,200,000
	M	C	45000	Soquel Creek Water District	4410017 021	Replace pipes.	1999	\$866,400
	M	C	45000	Soquel Creek Water District	4410017 025	Replace pipes.	1999	\$2,011,400

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	45000	MONTE VISTA CWD	3610029 009	Replace mainline Phase III	2000	\$2,200,000
	M	C	45000	Soquel Creek Water District	4410017 022	Replace pipes.	2000	\$1,989,000
	M	C	45000	Soquel Creek Water District	4410017 019	Replace distribution pipes.	2000	\$735,700
	M	C	45000	MONTE VISTA CWD	3610029 010	Replace mainline Phase IV	2001	\$2,200,000
	M	C	45000	Soquel Creek Water District	4410017 023	Replace pipes.	2001	\$2,186,000
	M	C	45000	MONTE VISTA CWD	3610029 011	Replace mainline Phase V	2002	\$2,200,000
	M	C	45000	Soquel Creek Water District	4410017 024	Replace pipes.	2002	\$957,800
	M	C	45000	Soquel Creek Water District	4410017 016	Replace pipes.	2002	\$2,021,400
	M	C	44174	SAN LUIS OBISPO WATER DEPARTMENT	4010009 003	Install operable gates in existing spillway at Salinas Dam to increase storage capacity	2000	\$16,200,000
	M	C	44063	CAMARILLO WATER DEPT	5610019 003	Construct a 4 MG water storage reservoir which will provide peak storage capacity for pressure zones 1 and 2.	1998	\$4,804,000
	M	C	41840	Southern CA Water Co - Cordova Water Srv	3410015 001	Install automation and telemetry at Kilgor and El Segundo Wells.	1998	\$20,000
	M	C	41427	City of San Bruno	4110023 003	Upgrade the existing dome ring with high strength threadbars and floating anchors placed outside the existing dome ring. Upgrade wall prestressing, Rehabilitate the footing base connected to withstand seismic loads.	1998	\$487,000
	M	C	41427	City of San Bruno	4110023 007	Purchase five trailer mounted portable diesel powered electrical generators that would be stationed at each well head.	1998	\$300,000
	M	C	40625	Porterville, City of	5410010 003	DESIGN AND INSTALL 3 MG STORAGE TANK - BOOSTER PUMP AND MAIN LINES. OTHER - DESIGN AND CONSTRUCTION.	1999	\$3,000,000
	M	C	40625	Porterville, City of	5410010 002	INTERTIE WITH AIRPORT WATER SYSTEM WITH MAIN CITY SYSTEM ALLOWING AIRPORT WATER WELL TO SUPPLEMENT CITY SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$330,000
	M	C	40625	Porterville, City of	5410010 004	DESIGN AND INSTALL TEN STAND-BY ENGINES AND ALTERNATE FUEL SUPPLY SYSTEMS. OTHER - DESIGN AND CONSTRUCTION	2000	\$1,500,000
	M	C	40625	Porterville, City of	5410010 005	DESIGN AND INSTALL WATER MAINS IN R/W, RESERVE CUSTOMERS FROM FRONT YARD SERVICES. OTHER - DESIGN AND CONSTRUCTION	2002	\$250,000
	M	C	39667	North Coast County Water Dist	4110025 004	Abandon tank and construct ne waterline to serve area.	1998	\$250,000
	M	C	39667	North Coast County Water Dist	4110025 001	Replace wooden tank with new steel .	1998	\$818
	M	C	39667	North Coast County Water Dist	4110025 003	Construct loof to bring second supply line to this area.	1999	\$425,000
	M	C	39667	North Coast County Water Dist	4110025 002	Construct intertie with the City of San Bruno which will be second source of supply.	1999	\$3,125,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 001	Replace mainline	1998	\$1,000,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 005	Design new reservoir	1998	\$400,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 008	Construct new booster facility	1998	\$200,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 003	Construct new well	1999	\$200,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 002	Replace mainline	1999	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 006	Construct new reservoir	1999	\$800,000
	M	C	38870	APPLE VALLEY RANCHOS WC	3610003 004	Construct new well	2000	\$800,000
	M	C	38700	Carmichael Water District	3410004 006	Install vents, paint and coat reservoir.	1998	\$600,000
	M	C	38700	Carmichael Water District	3410004 002	Replace 35 miles of water main. Involves design and construction.	1999	\$17,000,000
	M	C	35528	SCWC - CLAREMONT	1910024 001	REPLACE OR ABANDON UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$300,000
	M	C	35000	Estero Municipal Improvement District	4110021 001	Desgin and Construct alternative water supply main to redundant SFWD supply.	1999	\$20,000,000
	M	C	34033	SCWC - ARTESIA	1910004 004	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$400,000
	M	C	34033	SCWC - ARTESIA	1910004 005	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$800,000
	M	C	34033	SCWC - ARTESIA	1910004 006	Install chlorination turnouts at MWD connection	1998	\$300,000
	M	C	33800	City of san Juan Capistrano	3010030 003	Construct 2 MG reservoir and transmission main to link into distribution system.	1998	\$1,815,000
	M	C	33800	City of san Juan Capistrano	3010030 002	Construct new well in Trabuco Creek (North) area of District.	1998	\$276,000
	M	C	33800	City of san Juan Capistrano	3010030 001	Construct 2 MG demineralization plant, well field & transmission piping.	1998	\$14,000,000
	M	C	33000	SAN FRANCISCO INT'L. AIRPORT	3810010 001	Clean and refurbish a fire protection storage tank for a potable water storage tank for emergency use.	2001	\$250,000
	M	C	33000	SAN FRANCISCO INT'L. AIRPORT	3810010 002	Clean and refurbish a fire protection storage tank for ise in an emergency as a potable water source.	2002	\$250,000
	M	C	31917	CAL CITIES - ORCUTT	4210016 006	Replace 2400 feet of water main.	1998	\$154,000
	M	C	31726	San Juan Water District	3410021 002	Install a 12-inch pipeline up to the tank and refurbish the existing tank, which belongs to a neighboring water agency. The neighboring water agency does not use the tank and they have agreed to let SJWD use it. Also requires four new 60 hp pumps.	1998	\$500,000
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 001	Replace mainline	1998	\$1,000,000
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 003	Drill new well in Wilson Creek area	1998	\$425,000
	M	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 002	Replace mainline	1998	\$639,450
	M	C	31063	SCWC - NORWALK	1910098 001	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DACE SITE.	1998	\$300,000
	M	C	31063	SCWC - NORWALK	1910098 003	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	31063	SCWC - NORWALK	1910098 004	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$600,000
	M	C	31063	SCWC - NORWALK	1910098 002	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT IMPERIAL SITE.	1998	\$300,000
	M	C	31063	SCWC - NORWALK	1910098 005	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$30,000
	M	C	31000	CRESCENTA VALLEY CWD	1910028 001	Rehabilitation of the 13 reservoirs. Project involves: Design, and Construction	1998	\$2,416,695
	M	C	31000	CRESCENTA VALLEY CWD	1910028 004	Replace the existing 11 wells with up to 16 new wells of modem design and construction to replace existing production.	2000	\$11,069,460
	M	C	30855	SCWC - FLORENCE/GRAHAM	1910077 003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
	M	C	30855	SCWC - FLORENCE/GRAHAM	1910077 002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$500,000
	M	C	30855	SCWC - FLORENCE/GRAHAM	1910077 001	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	30792	SCWC - CULVER CITY	1910030 004	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$45,000
	M	C	30792	SCWC - CULVER CITY	1910030 002	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	30792	SCWC - CULVER CITY	1910030 003	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
	M	C	30792	SCWC - CULVER CITY	1910030 001	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER. STUDY WATER QUALITY TO DETERMINE POTENTIAL NEED FOR TREATMENT.	1998	\$1,000,000
	M	C	30450	City of West Sacramento	5710003 009	Install two booster stations and hydropneumatic tanks and water main. Involves design and construction.	1999	\$990,000
	M	C	29350	City of Burlingame	4110003 001	Contract an 8 mile pipe line connecting the 3 cities to the Harry Tracy WTP. Combine storage form 12 MG to 23 MG. Storage capacity would meet DOHS -8 - hour demand requirement.	1998	\$15,000,000
	M	C	28500	Santa Paula Water System	5610011 007	Purchase property, design, construct, and inspect construction of a 0.50 MG reservoir in the 400 East Zone.	1998	\$400,000
	M	C	28500	Santa Paula Water System	5610011 001	Design & construct 9,000 lineal feet of 8 inch dist. Mains, including services, hydrants, air/vac valves, blowoffs, contract mgmnt./inspection services. Can be ready to construct July 1998.	1998	\$842,400
	M	C	28500	Santa Paula Water System	5610011 006	Purchase propoert, design, construct and inspect construction of a 2.75 MG reservoir in the 200 Pressure Zone.	1998	\$2,200,000
	M	C	28500	Santa Paula Water System	5610011 002	Design & construct 9,000 lineal ft. of 8 inch distr. Main including services, hydrants, air/vac valves, blowoffs & contract mgmnt./inspection services.	1999	\$842,400
	M	C	28500	Santa Paula Water System	5610011 008	Purchase property, design,construct and inspect construction of a 0.25 MG reservoir in the 400 East Zone.	1999	\$200,000
	M	C	28500	Santa Paula Water System	5610011 003	Design & construct 9,000 lineal feet of 8 inch distribution main, including services, hydrants, air/vac valves, blowoffs & contract mgmnt.	2000	\$842,400
	M	C	28500	Santa Paula Water System	5610011 004	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac valves, bklowoffs & contract mgmnt.	2001	\$842,400
	M	C	28500	Santa Paula Water System	5610011 005	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac, blowoffs & contract mgmnt.	2002	\$842,400
	M	C	28334	City of Eureka	1210004 001	Retrofit or replace the existing High Tank Reservoir.	1998	\$4,000,000
	M	C	28000	City of Benicia	4810001 001	Install booster pump to cycle reservoir contents and repair roof.	1998	\$267,500
	M	C	28000	City of Benicia	4810001 020	Structural and seismic improvements to the tower will be designed and constructed.	1998	\$260,000
	M	C	28000	City of Benicia	4810001 003	Perform seismic and coating evaluation, design and construct improvements.	1998	\$200,000
	M	C	28000	City of Benicia	4810001 015	Corrosion survey of entire pipeline and repairs to Cordelia pipeline.	1998	\$115,000
	M	C	28000	City of East Palo Alto	4110024 001	Replace rusted old and undersized water mains with new min. 8" mains to elliminate health hazard and risk of failure.	1999	\$1,100,000
	M	C	28000	City of East Palo Alto	4110024 002	Design and construct a facility on site to treat high iron and magnese conctect to a safety level in order to use as the back-up source during emergency when San Francisco Water is not available.	1999	\$500,000
	M	C	28000	City of Benicia	4810001 019	Design and install permanent emergency power facilities at Rose Drive Pump station.	1999	\$100,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	28000	City of Benicia	4810001 009	Design and construction of pump station improvements to increase capacity and increase reliability.	2000	\$620,000
	M	C	28000	City of Benicia	4810001 010	Design and construction of a 2,000 foot long, 24 inch pipeline in Bayshore Road to parallel the existing pipeline.	2000	\$710,000
	M	C	28000	City of Benicia	4810001 011	Design and construction of new pump station with additional capacity and reliability improvements.	2001	\$1,225,000
	M	C	28000	City of Benicia	4810001 012	DESIGN AND CONSTRUCTION OF A NEW 24 INCH PIPELINE AND OTHER MODIFICATIONS TO EXTEND ZONE II TO THE WEST TO SERVICE THE AREA.	2001	\$710,000
	M	C	28000	City of Benicia	4810001 008	Design and install integrated SCADA/telemetry system for the pump station and WTP/	2001	\$915,000
	M	C	28000	City of Benicia	4810001 017	Replace pipelines with new ductile iron pipe to bolster the distribution system.	2002	\$1,029,000
	M	C	27503	LOS BANOS-CITY	2410005 002	Construct Storage Facilities	2000	\$1,500,000
	M	C	27231	SO CA WATER CO - BARSTOW	3610043 001	Replace mainline	1998	\$100,000
	M	C	27067	Placer CWA - Auburn/Bowman	3110005 001	Install standby diesel generator. Involves design and construction.	1999	\$200,000
	M	C	27000	INDIAN WELLS VALLEY W.D.	1510017 002	INSTALL NEW PIPELINES IN THE EASTERN PORTION AND CONSTRUCTION A STORAGE TANK IN THIS AREA. OTHER -DESIGN AND CONSTRUCTION	2000	\$11,975,000
	M	C	26119	PARK WC - COMPTON	1910021 001	Final design of well head and construction of well head. Project involves: Design, and Construction	1999	\$1,180,000
	M	C	26000	Mission Springs WD	3310008 002	Replacement of 10,240 linear feet of waterlines, 306 service connections and 24 hydrants - Project No. 29	1998	\$1,000,000
	M	C	26000	Mission Springs WD	3310008 003	Replacement of 10,870 linear feet of waterlines, 251 service connections and 20 hydrants - Project No. 28	1998	\$975,000
	M	C	26000	Mission Springs WD	3310008 001	Replacement of 10,240 linear feet of waterlines, 313 service connections and 18 hydrants - Project No. 28	1998	\$1,025,000
	M	C	25909	Norco, City of	3310025 001	Construction of 4 MG reservoir to maintain adequate reserve capacity.	1998	\$4,400,000
	M	C	25909	Norco, City of	3310025 002	To reduce system demand, a pumping station and transmission main will be constructed to return up to 2 MGD of recycled water from the WRCWA regional sewage treatment plant for irrigation purposes.	1998	\$550,000
	M	C	25909	Norco, City of	3310025 003	Design, drill and equip additional well in Temescal Basin, including required transmission main.	1998	\$350,000
	M	C	25100	City of Seal Beach	3010041 002	Upgrade 4 well sites using containment or on site chlorination.	1998	\$300,000
	M	C	25100	City of Seal Beach	3010041 001	Replace water lines with pvc and resilient wedge gate valves.	1999	\$1,428,000
	M	C	25000	BELLFLOWER - SOMERSET MWC	1910013 002	Acquire other adjoining system in the city and create one looping waterworks system.	2000	\$13,357,700
	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143 002	Design and replace approximately 1.75 miles of 18-inch water transmission lines.	1999	\$1,100,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143 001	Replace the 1.0 million gallon system storage Reservoir No. 4. Project involves: Design to solve problem, and Construction	2000	\$2,500,000
	M	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143 004	Upgrade to a computerized telemetry system. Project involves: Study, Design, and Construction	2000	\$180,000
	M	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 002	Design and construct a replacement reservoir.	1998	\$2,000,000
	M	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 001	Replace reservoir roof. Project involves: Design to solve problem, and Construction	1999	\$450,000
	M	C	24500	Banning, City of	3310006 002	Construct additional storage of approximately 4 million gallons.	2000	\$5,000,000
	M	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 004	ERECT A TEMPORARY 0.1 MG TANK, REMOVE THE EXISTING RESERVOIR, AND CONSTRUCT A NEW 0.250 MG RESERVOIR.	1999	\$800,000
	M	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 007	INSTALL PERMANENT EMERGENCY BACK-UP GENERATORS TO KEEP OUR TWO MAJOR PUMP STATIONS OPERATIONAL DURING POWER OUTAGES.	1999	\$600,000
	M	C	24000	Rubidoux Community SD	3310044 001	Construct a 5 MG water storage reservoir.	1998	\$1,800,000
	M	C	24000	Rubidoux Community SD	3310044 002	Construct 3-1,500 gpm wel pumping plants and a 4,500 gpm nitrate treatment facility..	1998	\$7,900,000
	M	C	24000	Rubidoux Community SD	3310044 003	The district master plan recommends construction of 11,000 L.F. of 24" pipeline to alleviate the low pressure problems, provide adequate water service, and to provide adequate fire flow.	1998	\$1,600,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 001	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DARWELL SITE.	1998	\$300,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 002	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT BISSELL SITE.	1998	\$300,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 003	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT HOFFMAN SITE.	1998	\$300,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 004	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT WATSON SITE.	1998	\$300,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 005	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT GAGE SITE.	1998	\$300,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 006	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$320,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 007	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$700,000
	M	C	23529	SCWC - BELL, BELL GARDENS	1910011 008	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	23417	SCWC-SOUTH ARCADIA	1910212 002	INSTALL GAC FILTERS ON WELL #1 AND BLEND ITS OUTPUT WITH WELL #2 AND #3	1998	\$800,000
	M	C	23417	SCWC-SOUTH ARCADIA	1910212 001	REPLACE UNDERSIZED MAINS	1998	\$70,000
	M	C	23247	Arcade WD - North Highlands	3410025 001	Install 10 mg water storage reservoir. Involves design and construction.	1998	\$4,500,000
	M	C	23247	Arcade WD - North Highlands	3410025 003	Install larger diameter connecting and transmission mains. Involves design and construction.	2000	\$5,000,000
	M	C	22673	Hemet, City of	3310016 004	To build 5 MG reservoir.	1998	\$1,500,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	22673	Hemet, City of	3310016 003	Drilling of well.	1998	\$550,000
	M	C	22673	Hemet, City of	3310016 002	Drilling of well	1999	\$550,000
	M	C	22052	Brawley, City of	1310001 001	City wide replacement of aged distribution system. Redesign of the system to provide better system with less possibility of interruption.	1998	\$12,500,000
	M	C	22000	West Kern CWD	1510022 001	REPLACE 30" PIPELINE WITH 36" PIPELINE	1998	\$5,925,397
	M	C	22000	PORT HUENEME WATER DEPT	5610009 004	Install emergency gas chlorination disinfection facilities for the two wells.	1998	\$20,000
	M	C	22000	PORT HUENEME WATER DEPT	5610009 003	Install two water mains to close the distribution loops and interconnect the distribution system which will decrease the detention time to help avoid nitrification problems.	1998	\$30,000
	M	C	22000	PORT HUENEME WATER DEPT	5610009 001	Install ten water mains to replace the undersized 4,6 & 8 -inch water mains.	1999	\$535,000
	M	C	22000	PORT HUENEME WATER DEPT	5610009 006	Replace two cast iron water mains with PVC C900.	2000	\$30,000
	M	C	22000	PORT HUENEME WATER DEPT	5610009 005	Replace two cast iron mains with PVC C9000	2000	\$3,000,000
	M	C	21949	Valley Center MWD	3710026 001	2,400' of 16" line, 3-MG steel reservoir (Shadow Ridge).	1998	\$2,000,000
	M	C	21620	EL MONTE-CITY, WATER DEPT.	1910038 001	1) Installed GAC treatment plant. 2) Elevated tank was refurbished. 3) Replace old water mains.	1998	\$500,000
	M	C	21500	City of Millbrae	4110018 001	Replace system sections that are undersized and deteriorated,	1998	\$450,000
	M	C	21500	City of Millbrae	4110018 002	Install pump station to pump water from lower zone to upper zone.	1999	\$375,000
	M	C	21500	City of Millbrae	4110018 003	Seismically upgrade storage tanks and recoat interior and exterior surfaces	2000	\$2,000,000
	M	C	21000	City of Brentwood	0710004 004	replace polybutylene lines	1998	\$400,000
	M	C	21000	City of Brentwood	0710004 012	TV the wells and check for any holes or cracks in the sleeve.	1998	\$150,000
	M	C	21000	City of Brentwood	0710004 005	Do a Nitrification Study master plan to determine the best way to to treat well water for nitrate problems.	1998	\$100,000
	M	C	21000	City of Brentwood	0710004 019	Purchase and install 5 emergency generators at the above locations.	1998	\$600,000
	M	C	21000	City of Brentwood	0710004 011	replace 255 of the 3000 valves with new valves and dresser couplers.	1999	\$850,000
	M	C	21000	City of Brentwood	0710004 009	Replace the lines to these homes with 6" lines. Replace meters and hydrants for more efficient and healthier system.	1999	\$430,000
	M	C	21000	City of Brentwood	0710004 003	Design and construct a new water treatment plant to meet the standards in Section 64653 and the demands on the system.	1999	\$44,000,000
	M	C	21000	City of Brentwood	0710004 002	Do a study to determine the most efficient and practical manner to update the plant. Design the plant upgrades and construction to update and modernize the existing water treatment plant to bring it into compliance with the SWTR.	1999	\$2,000,000
	M	C	20835	Corcoran, City of	1610004 005	WATER MAIN UPGRADING FROM 4" WITH 6" AND 8" PIPE. OTHER - DESIGN AND CONSTRUCTION	1998	\$240,000
	M	C	20835	Corcoran, City of	1610004 008	REPLACE C.I. PIPES WITH AWWA C-900 CLASS 150, IN 6", 8", 10" AND 12" SIZES. OTHER - DESIGN AND CONSTRUCTION	1998	\$510,000
	M	C	20835	Corcoran, City of	1610004 002	DRILL 3 NEW WELLS AND ASSOCIATED PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$2,160,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	20434	Valley of the Moon Water District	4910013 005	Install new storage tank and booster pumps (Crest area).	1998	\$600,000
	M	C	20434	Valley of the Moon Water District	4910013 004	Install new larger lines and booster pumps.	1998	\$1,800,000
	M	C	20434	Valley of the Moon Water District	4910013 003	Construct new storage tank (Sobre Vista area).	1998	\$250,000
	M	C	20434	Valley of the Moon Water District	4910013 006	Install Booster pumps and transmission/distribution pipelines.	1999	\$550,000
	M	C	20434	Valley of the Moon Water District	4910013 007	New distribution pipelines.	2000	\$550,000
	M	C	20434	Valley of the Moon Water District	4910013 008	New distribution pipelines.	2001	\$800,000
	M	C	20300	South Coast WD - Capistrano Beach	3010055 001	The District proposes to construct a new 2 million gallon reservoir at the current reservoir's site.	1998	\$2,000,000
	M	C	20300	South Coast WD - Capistrano Beach	3010055 002	Design and construction of a groundwater recovery facility.	1998	\$5,000,000
	M	C	20181	LOMITA-CITY, WATER DEPT.	1910073 002	Design and construction of 7 MG water storage.	1998	\$4,000,000
	M	C	20181	LOMITA-CITY, WATER DEPT.	1910073 003	Design/construction of a new rectangular, reinforced concrete reservoir of larger capacity (5,000,000 gallon) with a water treatment facility, and related construction to facilitate system-wide water supply service.	2003	\$10,000,000
	M	C	20000	Lemoore, City of	1610005 001	Arsenic treatment	2002	\$4,000,000
	M	C	19558	San Lorenzo Valley Water Dist	4410014 001	Build a surface water treatment plant on a new site and also provide treatment for iron, manganese, and hardness in the Olympia Wellfield.	1998	\$8,040,000
	M	C	19130	Vaughn WC INC	1510029 001	INSTALL A 2 MG STORAGE TANK AND BOOSTER PUMPING STATION WHICH WILL IMPROVE STORAGE CAPACITY TO A MINIMUM OF 9 HRS OF STORAGE. OTHER - DESIGN & CONSTRUCTION	1998	\$1,100,000
	M	C	18899	HUNTINGTON PARK-CITY, WATER DEPT.	1910049 001	Design and construct replacement facilities. Develop a priority list.	1998	\$17,000,000
	M	C	18850	Bay Point-Southern California Water Co.	0710002 004	Replace 500' of 2" OD steel water main.	1998	\$35,000
	M	C	18020	CWS - Selma	1010024 001	CONSTRUCT A ONE MILLION GALLON STORAGE TANK AND BOOSTER PUMP FACILITY.	1998	\$805,000
	M	C	18000	WALNUT PARK MUTUAL WATER CO.	1910169 001	Design and construct two (2) new tanks, one domestic well and new pumping station.	1998	\$975,000
	M	C	18000	Humboldt C.S.D.	1210009 001	Replace the defective Humboldt Hill reservoir. Include related projects dealing with reliability in area.	2001	\$1,947,000
	M	C	17334	City of Hollister	3510001 007	All deficiencies should be carefully evaluated and corrected.	1998	\$150,000
	M	C	17334	City of Hollister	3510001 002	Identify a more stable pipeline route and then construct a new pipeline with the use of proper restraints and well-engineered structures.	1999	\$1,278,000
	M	C	17334	City of Hollister	3510001 011	Identify a more stable pipeline route and construct a new pipeline with adequate restraints and supports.	2000	\$1,366,000
	M	C	17334	City of Hollister	3510001 005	Design and construct a modern reservoir to replace the existing one.	2000	\$265,000
	M	C	15891	PARK WC - LYNWOOD	1910161 002	Preliminary and final design of well and construction of well. Project involves: Design, and Construction	1999	\$450,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	15891	PARK WC - LYNWOOD	1910161 001	Final design of well head and construction of well head. Project involves: Design, and Construction	2000	\$730,000
	M	C	15687	Avenal, City of	1610002 002	INSTALL EMERGENCY GENERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$390,000
	M	C	15687	Avenal, City of	1610002 006	CONNECT TO THE PRISON HIGH PRESSURE PIPELINE WITH PRESSURE REDUCING STATIONS. FIRE HYDRANTS, VALVES, AND PIPELINES SHALL BE REPLACED TO IMPROVE THE RELIABILITY OF THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	M	C	15687	Avenal, City of	1610002 003	REPLACE THE MAIN AND RELIFT TELEMETRY CONTROL SYSTEM, PUMP MAINFOLDS, VALVING AND SWITCH GEAR AS REQUIRED TO MAINTAIN AN EMERGENCY BACKUP PUMPING PLANT SYSTEM FOR FUTURE OUTAGES. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
	M	C	15600	TWENTYNINE PALMS WATER DIST	3610049 001	Construct 2 MG reservoir	1998	\$1,200,000
	M	C	15600	TWENTYNINE PALMS WATER DIST	3610049 002	Replace 46 miles of mainline	1999	\$5,000,000
	M	C	15560	SCWC-SOUTH SAN GABRIEL	1910223 001	REPLACE UNDERSIZED MAINS OVER A 2 YEAR PERIOD	1998	\$350,000
	M	C	15500	Oakdale, City of	5010014 001	REPLACE 2" AND 4" MAINS WITH 8", 10" AND 12" PIPE. OTHER = DESIGN AND CONSTRUCTION	1998	\$10,000,000
	M	C	15263	Wasco, City of	1510021 001	CONSTRUCT 4.0 MG OF STORAGE AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$4,000,000
	M	C	15225	QUARTZ HILL WATER DIST.	1910130 001	Purchase and installation of hypochlorite generators.	1998	\$100,000
	M	C	15212	McKinleyville C.S.D.	1210016 001	Construct new wells and retrofit existing facilities.	1998	\$946,790
	M	C	15030	Ukiah, City of	2310003 001	Add 3,000,000 gallons of storage to the distribtution system.	2002	\$2,000,000
	M	C	14750	Rio Linda/Elverta Community Water Dist	3410018 002	Construct 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
	M	C	14750	Rio Linda/Elverta Community Water Dist	3410018 001	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$450,000
	M	C	14349	ROSAMOND CSD	1510018 002	BUILD INFRASTRUCTURE TO EACHOF THESE AREAS, REPLACE EXISTING SUB-STANDARD FACILITIES AND CONNECT TO RCSD SYSTEM	1998	\$1,000,000
	M	C	14096	FILLMORE WATER DEPT	5610002 003	Create new pressure zone so that minimum pressure would be 40 psi and tanks could be exercised daily.	1998	\$745,000
	M	C	14000	TRACT 180 MUTUAL WATER CO.	1910159 001	Replace water mains/transmission lines.	2000	\$1,500,000
	M	C	13993	San Jacinto, City of	3310032 001	The City plans to drill two more wells, build one or two Fe/Mn treatment plants, upgrade and replace the old distribution mains. Add additional surface storage.	1998	\$1,500,000
	M	C	13500	ECO Resources-Lamont Public Utility Dist	1510012 003	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$120,000
	M	C	13500	Bella Vista Water District	4510014 001	Add standby power at Pump Station, and add one well with filters to provide the reliability required by the Waterworks Standards.	1998	\$1,200,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	13500	Bella Vista Water District	4510014 002	Build two reservoirs to increase storage capacity and provide the reliability required by the Waterworks Standards.	1998	\$1,400,000
	M	C	13500	Bella Vista Water District	4510014 004	Study and pre-design of solution to low pressure problem and provide the reliability required by the Waterworks Standards.	1998	\$100,000
	M	C	13500	ECO Resources-Lamont Public Utility Dist	1510012 001	REPLACE WATER LINES IN NORTH LAMONT. MOVE WATE LINES FROM ALLEYS TO STREET R/W FOR BETTER ACCESS. OTHER - DESIGN AND CONSTRUCTION	1999	\$300,000
	M	C	13500	Bella Vista Water District	4510014 005	Construct storage, pump station and pipe line to solve low pressure problem and provide the reliability required by the Waterworks Standards.	1999	\$3,590,000
	M	C	13500	ECO Resources-Lamont Public Utility Dist	1510012 002	REPLACE WATER LINES IN SOUTH LAMONT. OTHER - DESIGN AND CONSTRUCTON	2000	\$325,000
	M	C	13500	Bella Vista Water District	4510014 007	Loop deadend mains to solve low pressure problem and provide the reliability required by the Waterworks Standards.	2000	\$1,775,000
	M	C	13277	City of Red Bluff	5210004 008	Construct new IMG reservoir.	1998	\$1,305,000
	M	C	13277	City of Red Bluff	5210004 016	Install IMG storage reservoir and well. Loop two major service areas with appropriate size mains.	1998	\$3,000,000
	M	C	13277	City of Red Bluff	5210004 006	Install new pipeline.	1998	\$600,000
	M	C	13277	City of Red Bluff	5210004 005	Construct joining pipeline between Well #4 and Well #8.	1998	\$100,000
	M	C	13277	City of Red Bluff	5210004 004	Loop water system to remove dead end to hospital.	1998	\$800,000
	M	C	13277	City of Red Bluff	5210004 003	Construct IMG storage reservoir.	1998	\$1,305,000
	M	C	13277	City of Red Bluff	5210004 009	Install 16" watermain to alleviate water pressure and service problems.	1998	\$800,000
	M	C	13277	City of Red Bluff	5210004 011	Install a transmission watermain in Antelope Blvd.	1999	\$1,100,000
	M	C	13216	Shafter, City of	1510019 001	DRILL A NEW WELL IN THIS AREA AND ADDING A STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$475,000
	M	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 001	CONSTRUCT A 1 MILLION GALLON TREATED WATER STORAGE TANK.	1998	\$420,000
	M	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 004	REPLACE THE STEEL PIPE WITH A NEW PVC PIPE.	2001	\$52,000
	M	C	13003	NORWALK - CITY, WATER DEPT.	1910191 001	Install new well and well head treatment. Project involves: Design, and Construction	1998	\$1,460,000
	M	C	13003	NORWALK - CITY, WATER DEPT.	1910191 002	Construct a new reservoir, well and pump station. See attached discussion. Project involves: Design, and Construction	1998	\$5,825,000
	M	C	12629	CWSC Salinas Hills	2710012 001	Install one million gallon tank and booster pump facility.	2001	\$805,000
	M	C	12320	CASITAS MUNICIPAL WATER DIST	5610024 003	Coastal pipelione from a location near city of ventura, extending northward and connecting the coastal communities.	1998	\$8,000,000
	M	C	12320	CASITAS MUNICIPAL WATER DIST	5610024 001	Construction of a 2 MG water storage tank on the Rincon Main.	1999	\$2,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	11826	Newhall CWD-Newhall	1910096 002	Rehabilitate Well 10 by chemical treatment. See attached specification and correspondence of July 9, 1997.	1998	\$150,000
	M	C	11826	Newhall CWD-Newhall	1910096 005	Construct a 12-inch diameter water main about 2600 + from Zone 8 (1710') system to Zone 6. PZ No. 6 will be eliminated by this project. (See Plate 1). Project involves: Design, and Construction	1998	\$232,000
	M	C	11826	Newhall CWD-Newhall	1910096 003	Replacement of six (6) water tanks which failed in the January 1994 Northridge earthquake. Refinancing of the District's 1995 Installment Sale Financing (see attached Agreement).	1998	\$2,870,211
	M	C	11826	Newhall CWD-Newhall	1910096 004	Design and construct a pumping station and a connection to CLWA's lateral to obtain 2000 gpm capacity.	1998	\$300,000
	M	C	11714	LOS ANGELES CO WW DIST 38-LAKE L.A.	1910005 001	CONSTRUCT A NEW 400' SHADOW WELL, 4500' OF PIPELINE, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$715,000
	M	C	11711	PARLIER, CITY OF	1010025 002	Construct a test well and a new production well.	2004	\$601,000
	M	C	11510	CWSC King City	2710009 001	Design and construct treatment facilities and piping systems.	1999	\$1,500,000
	M	C	11180	Del Oro Water Co.-Paradise Pines	0410011 002	Construction of 1.5 MG storage tank, and interior sandblasting and recoating plus exterior painting of Tanks #1 and #2.	1998	\$1,017,500
	M	C	11180	Del Oro Water Co.-Paradise Pines	0410011 001	Well exploration and development.	1999	\$500,000
	M	C	10570	SIERRA MADRE-CITY, WATER DEPT.	1910148 002	Design and construct one domestic well and a water system inter-tie between the Cities of Sierra Madre and Arcadia.	1998	\$1,660,000
	M	C	10570	SIERRA MADRE-CITY, WATER DEPT.	1910148 001	Replace two (2) concrete reservoirs and perform seismic retrofit work at two (2) others. Project involves: Design, and Construction	1998	\$6,000,000
	M	C	10530	Lindsay, City of	5410006 001	CANAL SUPPLY LINE, 2.5 MG STORAGE TANKS, TWO NEW WELLS, INFRASTRUCTURE IMPROVEMENTS, PRESSURE SYSTEM LOOPS, RAW WATER TREATMENT PLANT IMPROVEMENTS. OTHER - DESIGN AND CONSTRUCTION	1998	\$12,842,000
	M	C	10500	LIVINGSTON-CITY	2410004 001	INSTALL NEW 6" MAINS AND NEW STYLE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION.	1998	\$500,000
	M	C	10500	Riverview WD	3710030 003	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$250,000
	M	C	10500	LIVINGSTON-CITY	2410004 002	Conduct an engineering study to identify system deficiencies and replace deficient water mains.	2004	\$4,100,000
	M	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 005	Upgrade distribution system	2000	\$2,229,000
	M	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 006	Upgrade and replace booster pumps	2000	\$150,000
	M	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 004	Construct two new tanks	2000	\$1,250,000
	M	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 002	Develop a new master plan	2000	\$100,000
	M	C	10300	City of Fortuna	1210006 001	Replace existing 30,000 gallon water storage tank with a 150,000 gallon tank.	2000	\$350,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	10000	North Tahoe PUD - Main	3110001 007	Install water mains along highway.	1998	\$566,500
	M	C	10000	North Tahoe PUD - Main	3110001 006	Create a pressurized sub-zone and provide service stubs to properties with pressures. Involves design and construction.	1998	\$94,900
	M	C	10000	North Tahoe PUD - Main	3110001 002	Install a modern, supervisory control and data acquisition system.	1998	\$126,000
	M	C	10000	North Tahoe PUD - Main	3110001 012	Install 4,160 ft of pipe. Involves design and construction.	1999	\$366,700
	M	C	10000	Huron, City of	1010044 002	PROVIDE A SECOND SOURCE OF SURFACE WATER BY CONNECTING TO LATERAL 22R WHICH IS ABOUT 5,000 FEET AWAY FROM THE PLANT SITE.	1999	\$155,000
	M	C	10000	North Tahoe PUD - Main	3110001 014	Construct a 2,660 ft long main. Involves design and construction.	2001	\$267,500
	M	C	10000	North Tahoe PUD - Main	3110001 003	Construct a new 1,400 foot long water main within the State Highway, relocate services to the new line, improve pressure and quality. Involves design and construction.	2001	\$165,000
	M	C	10000	North Tahoe PUD - Main	3110001 015	Replace 3,020 ft of water main. Involves design and construction.	2001	\$277,100
	M	C	10000	North Tahoe PUD - Main	3110001 004	Install 1,800 ft water main, increase pressure. Involves design and construction.	2002	\$172,100
	M	C	9977	CITY OF LATHROP	3910015 001	Replace network with larger diameter mains.	2000	\$4,500,000
	M	C	9910	Westborough County Water Dist	4110027 001	Install new pipes and couplings to eliminate water outages for customers and construct new water storage tank for adequate water storage.	1998	\$2,500,000
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 004	Construct chlorine injection line from City reservoir/disinfection station to MWD P.O.C. - approximately 800 Lin. Ft.	1998	\$144,136
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 006	Design and construct two new finished and connecting piping stations south of the 405 freeway water reservoirs. Refinance debt obligation (Municipal Bonds)	1998	\$8,600,000
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 003	The City shall rehab well #6 to eliminate contamination, or drill a new well if rehab is determined ineffective. The existing transmission main connecting well #6 to the system needs to be reconstructed. Project involves: Design and Construction	1998	\$1,873,000
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 005	Construct pump and metering stations at the California Ave/Willow Street Long Beach/Signal Hill interconnect.	1998	\$200,000
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 007	Design and construct new roof using stainless steel fittings.	1998	\$810,000
	M	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 008	Purchase a portable emergency generator to power well pump in case of interrupted electrical service. Project involves: Purchase	1999	\$150,000
	M	C	9625	Kingsburg, City of	1010019 001	PREPARE A FEASIBILITY STUDY TO EVALUATE THE EXTENT OF THE PROBLEM AND TO DEVELOP ALTERNATIVES.	1998	\$30,000
	M	C	9625	Kingsburg, City of	1010019 002	PURCHASE PROPERTY ADJACENT TO WELL NO. 11 FOR FUTURE INSTALLATION OF GAC FILTRATION SYSTEM.	1998	\$50,000
	M	C	9625	Kingsburg, City of	1010019 005	CONSTRUCT A NEW WELL (NO. 15).	1999	\$350,000
	M	C	9625	Kingsburg, City of	1010019 003	DESIGN A GAC FILTRATION SYSTEM FOR WELL NO. 11.	1999	\$40,000
	M	C	9625	Kingsburg, City of	1010019 004	CONSTRUCT A GAC FILTRATION SYSTEM FOR WELL NO. 11.	2000	\$400,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	M	C	9500	WINTON WATER & SANITARY DIST	2410010	001	LOCATE BY AREA ALL SUBSTANDARD SIZED LINES AND REPLACE/CONSTRUCT A STORAGE TANK WITH CONNECTING LINES. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$2,500,000
	M	C	9500	NIPOMO COMM SERVICES DIST	4010026	001	Drill a new well, construct a new transmission line to a new water storage facility	1998	\$1,500,000
	M	C	9500	NIPOMO COMM SERVICES DIST	4010026	002	Construct approx. 5500 feet of new water lines to enhance water flow and energy savings.	2000	\$375,000
	M	C	9500	NIPOMO COMM SERVICES DIST	4010026	003	Construction of a one million gallon water storage tank and transmission main.	2002	\$1,000,000
	M	C	9475	SO CA WATER CO-WRIGHTWOOD	3610047	003	Construct new reservoir	1998	\$200,000
	M	C	9475	SO CA WATER CO-WRIGHTWOOD	3610047	002	Replace mainline	1998	\$3,900,000
	M	C	9462	American Canyon, City of	2810005	002	Purchase water supply and connection from City of Vallejo water system.	1998	\$1,000,000
	M	C	9462	American Canyon, City of	2810005	001	Design, land acquisition and four MG potable water storage tank.	1998	\$2,048,000
	M	C	9101	EAST PASADENA WATER CO.	1910020	001	Drill new well to increase capacity from Raymond Basin	2001	\$624,000
	M	C	8700	Thermalito I.D.	0410008	003	Replace old steel mainline. Design and construct new 2.5 MG storage tank.	1998	\$4,000,000
	M	C	8586	South Mesa WC	3310017	001	Replace reservoir with steel tank or rebuild reservoir walls.	1998	\$500,000
	M	C	8300	City of Grass Valley	2910001	001	Consolidate with City of Grass Valley.	2000	\$50,000
	M	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020	002	Construct a 3.2 MG reservoir to provide adequate storage in one pressure zone.	1998	\$3,300,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	002	CONCRETE SEAL EXISTING OPEN-BOTTOM WELL #5 THAT WAS ABANDONED DUE TO FAILURE IN 1995 AND DRILLED NEW WELL TO LARGER SIZE AND DEPTH TO PROVIDE REQUIRED DOMESTIC AND FIRE FLOWS TO SERVE EXISTING DEVELOPED AREA. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	001	INSTALL 8" AND 12" PVC PIPE. LOOP THE SYSTEM WITH 12" MAIN CONNECTING TO THE WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$335,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	003	REPLACE WITH 8" PVC PIPE. OTHER - DESIGN AND CONSTRUCTION	2000	\$200,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	004	INSTALL NEW 8" WATER PIPE LOOP AND REPLACE PIPE WITH 8" AND 10" PVC. OTHER - DESIGN AND CONSTRUCTION	2001	\$506,000
	M	C	8228	CHOWCHILLA CITY WATER DEPT	2010001	005	REPLACE PIPE WITH NEW 12" PVC MASTER LOOP SYSTEM FROM WELL #10. OTHER - DESIGN AND CONSTRUCTION	2002	\$557,000
	M	C	8076	Imperial, City of	1310006	003	Install and replace with properly sized water mains.	1998	\$600,000
	M	C	8076	Imperial, City of	1310006	004	Start program to replace obsolete mains and valves	1998	\$500,000
	M	C	8000	Clear Creek CSD-Anderson	4510016	001	Drill new well and loop deadend lines to provide the reliability required by the Waterworks Standards.	1998	\$850,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	7986	ORANGE COVE CITY OF	1010023 001	DEVELOP A SUPPLEMENTAL GROUNDWATER SUPPLY CONSISTING OF AT LEAST FOUR WELLS, TRANSMISSION LINES, BLENDING/MIXING STRUCTURES, AND TREATMENT UNITS, IF NECESSARY.	1998	\$3,095,600
	M	C	7890	Santa Ana River Water Company	3310033 006	Construct new 1.5 MG tank, well #8, Bellegrave Booster Station and pipelines. (see attached loan agreement)	1998	\$1,255,690
	M	C	7890	Santa Ana River Water Company	3310033 005	Foundation improvements, expansion joints and piping modifications of shell to ground connections (see attached report).	1998	\$100,000
	M	C	7890	Santa Ana River Water Company	3310033 004	Install an ion exchange treatment process to remove nitrate from Wells 3 and 3A	1998	\$1,300,000
	M	C	7890	Santa Ana River Water Company	3310033 001	Construct water pipelines to eliminate dead end water lines (Plate 1)	1998	\$810,000
	M	C	7890	Santa Ana River Water Company	3310033 002	Drill and equip two water wells	1998	\$600,000
	M	C	7890	Santa Ana River Water Company	3310033 003	Construct a 2.7 million gallon welded steel tank on the water company's existing land on Bellegrave Ave.	1998	\$1,200,000
	M	C	7880	SOUTH MONTEBELLO IRRIGATION DIST.	1910153 002	Replacing key water transmissions and distribution mains as well as valves and fire hydrants.	2003	\$450,000
	M	C	7880	SOUTH MONTEBELLO IRRIGATION DIST.	1910153 001	Replace the existing 10-inch and 12-inch riveted steel with cement lined ductile iron pipe.	2003	\$260,000
	M	C	7850	Sebastopol, City of	4910011 002	A new well (#7) has been developed to replace well 5. The new well is in the final construction phase and due to be placed into service in Fall of 1997.	1998	\$550,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203 001	CONNECT 2 ADJACENT WELLS FOR CHLORINATION AT ONE SITE	1998	\$110,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203 002	INSTALL 6,600 LINEAR FEET OF 12" WATER MAIN	1999	\$450,000
	M	C	7671	LOS ANGELES CO WW DIST 24,27,33-PEARBLSM	1910203 003	CONSTRUCT A NEW 500' SHADOW WELL, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	2001	\$1,536,000
	M	C	7500	LA PUENTE VALLEY CWD	1910060 005	Construction of a pressure sustaining valve between Pressure Zone 1 and 2.	1998	\$20,000
	M	C	7500	MUSCOY MWC NO. 1	3610031 001	Replace transmission lines	1998	\$637,715
	M	C	7500	MUSCOY MWC NO. 1	3610031 002	Rehabilitate well and block wall	1998	\$90,000
	M	C	7500	LA PUENTE VALLEY CWD	1910060 004	Construction of a 75 HP generator for booster pumps.	1999	\$35,000
	M	C	7500	LA PUENTE VALLEY CWD	1910060 003	Replacement of line with 12" ductile iron pipe. Design to solve problem, and Construction	2000	\$150,000
	M	C	7478	NEWHALL CWD-PINETREE	1910250 001	Install a 2 MG welded steel storage facility to supplement the Pinetree Systems existing storage. Project involves: Design to solve problem, and Construction	1998	\$1,000,000
	M	C	7434	GOLDEN HILLS CSD	1510045 005	Construct a 1mg storage tank. Other - Design/Construction	1998	\$500,000
	M	C	7434	GOLDEN HILLS CSD	1510045 002	Construct 4 new wells. Other - Design/Construction	1998	\$400,000
	M	C	7434	GOLDEN HILLS CSD	1510045 001	Tie the Golden Hills and City of Tehachapi water systems together. Other - Design/Construction	1998	\$175,000
	M	C	7434	GOLDEN HILLS CSD	1510045 004	Develop and construct a system of wells in our nonadjudicated area, while continuing to increase our water rights. Other - Design/Construction	1998	\$800,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	7412	California-American Larkfield	4910023 002	Old Redwood Highway main replacement/extension.	1998	\$160,000
	M	C	7412	California-American Larkfield	4910023 003	Construct raw water storage reservoir at North Wikiup site.	1998	\$400,000
	M	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121 004	Construct new tank	2000	\$350,000
	M	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121 005	Develop new master plan	2000	\$100,000
	M	C	7265	City of Yreka	4710011 001	Construct 1.5 MG storage tank for north end of town.	1998	\$1,000,000
	M	C	7000	North of the River MWD	1510041 003	Replacement of majority of distribution system, and customer service lines. OTHER - Design and Construction	1998	\$3,300,000
	M	C	6796	Southern CA Water Co - Arden Water Serv	3410003 001	Install automation and telemetry.	1998	\$20,000
	M	C	6700	MAYWOOD MUTUAL WATER CO. #2	1910085 001	Construct 1.5 MG reservoir. Remove top 30' of two reservoirs. Construct new roofs on two reservoirs, construct hydropneumatic pump station and standby generator. Project involves: Design to solve problem, and Construction.	1998	\$2,000,000
	M	C	6651	Woodlake, City of	5410020 002	ENGINEERING TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	M	C	6651	Woodlake, City of	5410020 004	VARIOUS SYSTEM IMPROVEMENTS PER "WATER MASTER PLAN". OTHER - DESIGN AND CONSTRUCT	1999	\$324,000
	M	C	6651	Woodlake, City of	5410020 003	INSTALLATION OF 500,000 GAL RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	2000	\$450,000
	M	C	6651	Woodlake, City of	5410020 001	CONSTRUCTION OF ADDITIONAL WELL WITH STANDBY POWER. OTHER - DESIGN AND CONSTRUCTION	2001	\$300,000
	M	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015 001	Construct four new storage reservoirs for a total of 3.35 MG to meet ww stds.	1998	\$2,700,000
	M	C	6600	SOUTHERN CALIF WC	3010078 001	Install chlorination turnouts at 6MWD connections	1998	\$90,000
	M	C	6600	Serrano Water District	3010082 002	Construct additional 2 MGD to existing treatment plant.	1998	\$2,500,000
	M	C	6523	GUADALUPE WATER DEPARTMENT	4210003 001	Constrict a 1.5 MG water storage tank and associated appurtanences and a looped water system.	2002	\$1,420,500
	M	C	6500	Earlimart PUD	5410021 001	INSTALL SECONDE CROSSING OF HIGHWAY 99 AND REPLACE SOME PORTIONS OF THE SYSTEMS	1998	\$780,000
	M	C	6412	TUD - Crystal Falls Water System	5510010 001	CONSTRUCT A NEW WTP WITH A 1 MGD CAPACITY WITH PROVISIONS FOR FUTURE EXPANSION. THIS PROJECT WILL ALSO ALLOW THE ELIMINATION OF THE CEDAR RIDGE AND MONTE GRANDE WTP'S.	1999	\$1,410,000
	M	C	6412	TUD - Crystal Falls Water System	5510010 002	CONSTRUCT A PIPELINE TO REPLACE THE OLD STEEL PIPE AND CONSTRUCT AN INTERCONNECTION WITH THE OAK GARDEN SYSTEM.	2000	\$38,000
	M	C	6281	City of Orland	1110001 001	Replace old 80,000 gallon elevated storage tank with a new 1 MG storage tank.	2000	\$1,500,000
	M	C	6000	BIG BEAR CITY CSD	3610008 003	Construct new well	1998	\$225,000
	M	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005 001	INSTALL NEW C-900 6" THROUGHOUT WITH NEW SERVICES AND FIRE HYDRANTS EVERY 500'. OTHER - DESIGN AND CONSTRUCTION.	1998	\$700,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	6000	TWAIN HARTE COMMUNITY SERVICES DISTRICT	5510005 002	INSTALL A 500,000 GALLON BOLTED TANK ON DISTRICT LOT IN LILAC TERRACE SUBDIVISION. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
	M	C	6000	BIG BEAR CITY CSD	3610008 004	Construct new well	1999	\$250,000
	M	C	6000	BIG BEAR CITY CSD	3610008 002	Study potential sources of contamination	1999	\$100,000
	M	C	6000	BIG BEAR CITY CSD	3610008 001	Construct new transmission main	2000	\$225,000
	M	C	5929	TEHACHAPI, CITY OF	1510020 001	INSTALL 250,000 GALLON HOLDING TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	M	C	5929	TEHACHAPI, CITY OF	1510020 005	INSTALL 2,000' OF 10" PIPE FROM PINION WELL TO CURRY STREET STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$66,400
	M	C	5929	TEHACHAPI, CITY OF	1510020 004	INSTALL SECONDARY BOOSTER PUMP	1998	\$30,000
	M	C	5929	TEHACHAPI, CITY OF	1510020 003	REPLACEMENT OF FAILING SERVICE LINES	1998	\$1,647,500
	M	C	5929	TEHACHAPI, CITY OF	1510020 002	INSTALL EMERGENCY GENERATOR - PINION WELL	1998	\$47,000
	M	C	5865	San Joaquin County - Lincoln Village	3910010 001	REPLACE ELEVATED TANK WITH PRESSURE TANK AND REPLACE STEEL LINES - (NO EVIDENCE OF CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION.	1998	\$1,000,000
	M	C	5812	Holtville, City of	1310005 001	Replace existing deteriorated and restricted cast iron water pipelines. See attached description and water system improvement map (attachments 2 and 3).	1998	\$4,134,542
	M	C	5800	Southern Calif WC - Yorba Linda	3010070 001	Study design and construct a new Surface Water Treatment plant to utilize the MWD raw water connection in close proximity to the plant site.	1998	\$2,000,000
	M	C	5786	Orosi Public Utility District	5410008 002	REPLACE THESE EXISTING PIPELINES WITH NEW 8" DIAMETER PIPELINES TO IMPROVE THE PRESSURE AND WATER QUALITY IN THE AREA AFFECTED. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,175,000
	M	C	5786	Orosi Public Utility District	5410008 001	INSTALL A 1 MG GROUND WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$732,000
	M	C	5786	Orosi Public Utility District	5410008 003	INSTALL NITRATE REMOVAL EQUIPMENT ON THE WELL HEAD. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
	M	C	5500	VALENCIA HEIGHTS WATER CO.	1910163 001	Design and construct replacement wells.	1999	\$700,000
	M	C	5462	SCWC - HOLLYDALE	1910195 003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	5462	SCWC - HOLLYDALE	1910195 001	Cement lining water mains in critical areas.	1998	\$100,000
	M	C	5462	SCWC - HOLLYDALE	1910195 002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
	M	C	5429	CAWC - Montara	4110010 014	Electrical rehabilitation (including MCC units , conduit/siring)	1998	\$156,000
	M	C	5429	CAWC - Montara	4110010 015	Standby diesel powered generator (including diesel storage tank).	1998	\$206,000
	M	C	5429	CAWC - Montara	4110010 001	Improve capacity of Portola, Alta Vista Drake, Park, and Wagner wells.	1998	\$1,000,000
	M	C	5429	CAWC - Montara	4110010 018	Airport well #4 Improvements	1998	\$238,000
	M	C	5429	CAWC - Montara	4110010 019	Park and Gutren Well improvements	1998	\$460,000
	M	C	5429	CAWC - Montara	4110010 017	Telemetry facilities to Alta Vista storage tank.	1998	\$39,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	5429	CAWC - Montara	4110010 003		1998	\$1,000,000
	M	C	5429	CAWC - Montara	4110010 013	Portola tank 100,000 gal telemetry and booster pump.	1998	\$140,000
	M	C	5429	CAWC - Montara	4110010 016	Telemetry facilities from airport well to school house tank.	1998	\$47,000
	M	C	5429	CAWC - Montara	4110010 009	Replace school house tank with 650,000 storage tank.	1998	\$618,000
	M	C	5429	CAWC - Montara	4110010 005	Main replacement and installation.	1998	\$1,843,568
	M	C	5429	CAWC - Montara	4110010 006	Installation and/or replacement of pressure relief, check and control valves.	1998	\$281,810
	M	C	5429	CAWC - Montara	4110010 020	Alta Vista water treatment plant	1998	\$250,000
	M	C	5383	SOLVANG WATER DEPARTMENT	4210013 002	Construction of 2.3 million gallon reservoir	2001	\$3,638,000
	M	C	5275	City of Live Oak	5110001 001	Construction of an additional well to satisfy CCR, Title 22, Section 64564 requirements and meet peak demands.	1998	\$200,000
	M	C	5275	City of Live Oak	5110001 002	The purchase and installation of four generators with automatic switchgear will ensure continuous well operation during power outages.	1998	\$140,000
	M	C	5275	City of Live Oak	5110001 004	The construction of multiple storage tanks would allow the City to meet the storage capacity requirements.	1998	\$500,000
	M	C	5275	City of Live Oak	5110001 005	Replacement of these lines will provide required fire flows and sustain existing water service.	1998	\$650,000
	M	C	5195	California Cities Water Company	1710002 001	Replace with 1,000 ft of 8 inch PVC in Lakeshore Dr.	1998	\$90,000
	M	C	5190	Calistoga, City of	2810002 003	Site development and construction of new 1 MG storage tank and transmission main.	1998	\$2,000,000
	M	C	5190	Calistoga, City of	2810002 004	Find available water and purchase.	1998	\$1,000,000
	M	C	5190	Calistoga, City of	2810002 005	Purchase or lease dredging equipment and dredge reservoir over 2 to 3 year summer periods.	1999	\$1,000,000
	M	C	5145	NEWHALL CWD-CASTAIC	1910247 001	Design and construct 2.5 MG welded steel storage reservoir in 1630' pressure zone and 8,880 feet of 16-inch diameter waterline.	1998	\$2,660,000
	M	C	5145	NEWHALL CWD-CASTAIC	1910247 002	The District proposes to construct a micro filtration plant to treat the water and utilize in the domestic system. Project involves: Design, and Construction	1998	\$2,800,000
	M	C	5100	Blue Lake Springs Mut Wtr	0510009 001	REPLACE UNDERSIZED MAINS WITH NEW, LARGER MAINS	1999	\$4,000,000
	M	C	5000	Nuevo Water Company	3310026 001	Construct new 1000 gpm capacity well and new 12" pipeline (see attached Plate 1).	1998	\$1,020,000
	M	C	5000	Borrego Springs WC	3710038 001	Replace 45 year old 4" and 6" water mains with 6" and 8" pipelines to AWWA standards - length: 29,500 feet.	1998	\$580,000
	M	C	5000	Borrego Springs WC	3710038 004	Construct a 0.5 MG Bolted Steel Tank.	1998	\$140,000
	M	C	5000	Borrego Springs WC	3710038 003	Construct a new well in the southerly one-half of the service area and equip the well with pump and controls.	1998	\$175,000
	M	C	5000	Borrego Springs WC	3710038 002	Install 3,900 feet of 8" Class 200 PVC water main, with appurtanences and metering facility.	1998	\$125,000
	M	C	5000	Borrego Springs WC	3710038 005	Install a supervisory control system with data accumulation (SCADA System) to control the system 24 hours per day.	1999	\$80,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 001	Conducted a study with an engineering firm, best way to solve the problem was to install booster pump station.	2002	\$95,000
	M	C	4953	Myoma Dunes Mutual Water Company	3310051 001	Construct new mainlines, replace undersize & deficient mains, install isolation valves.	1998	\$348,000
	M	C	4850	HILMAR COUNTY WATER DISTRICT	2410012 001	Construct a one million gallon water storage tank.	2004	\$1,250,000
	M	C	4842	City of Rio Vista	4810004 001	Replace 8" transmission line approximately 2 miles.	1998	\$1,500,000
	M	C	4842	City of Rio Vista	4810004 002	replace deteriorated mains and appurtenances.	1998	\$2,000,000
	M	C	4800	California Rehabilitation Center - Norco	3310800 001	Add air stripping unit for benzene treatment.	1998	\$250,000
	M	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112 003	Develop a new master plan	2000	\$100,000
	M	C	4715	SBNDNO COUNTY SERVICE AREA 70J	3610125 004	Have a hydraulic analysis performed on the system to determine size of reservoirs and location and build reservoirs	2000	\$565,000
	M	C	4715	SBNDNO COUNTY SERVICE AREA 70J	3610125 003	Develop a Water master plan	2000	\$100,000
	M	C	4715	SBNDNO COUNTY SERVICE AREA 70J	3610125 002	Have a hydraulic analysis performed on the system to determine how much pipeline is needed and where, contract for installation of pipelines	2000	
	M	C	4696	TUD - COLUMBIA	5510013 003	ENLARGE THE COLUMBIA WTP'S CAPACITY FROM 1.0 MGD TO 1.5 MGD.	1998	\$230,000
	M	C	4610	TUD-UPPER BASIN	5510012 005	REPLACE STEEL PIPELINES IN EQUAL INCREMENTS OVER A 5 YEAR PERIOD.	1998	\$918,000
	M	C	4610	TUD-UPPER BASIN	5510012 002	CONNECT THE EXISTING LAKEWOOD RESERVOIR TO THE WTP INTAKE VIA PUMP AND PIPELINE.	1998	\$57,000
	M	C	4610	TUD-UPPER BASIN	5510012 007	CONSTRUCT A ONE MILLION GALLON STEEL STORAGE TANK.	1999	\$420,000
	M	C	4610	TUD-UPPER BASIN	5510012 008	CONSTRUCT A PIPELINE TO INTERCONNECT THE LEISURE PINES SYSTEM TO THE UPPER BASIN SYSTEM.	1999	\$38,000
	M	C	4610	TUD-UPPER BASIN	5510012 009	RECONSTRUCT THE PRESSURE SYSTEM.	1999	\$26,000
	M	C	4610	TUD-UPPER BASIN	5510012 006	RELOCATE A 60,000 GALLON BOLTED STEEL TANK TO THE SITE TO PROVIDE RELIABLE SERVICE.	2000	\$52,000
	M	C	4610	TUD-UPPER BASIN	5510012 001	CONSTRUCT A 4 INCH DIAMETER PIPELINE AND INTAKE STRUCTURE TO OBTAIN WATER FROM BRENTWOOD POND.	2000	\$22,000
	M	C	4600	Lakeport, City of	1710004 003	Provide additional water production facilities and upsize lines.	1998	\$5,300,000
	M	C	4576	SO CA WATER CO-VICTORVILLE 1	3610107 001	Replace mainline	1998	\$38,000
	M	C	4500	Konocti County Water District	1710006 002	Construct new 0.5 MG storage tank.	1998	\$625,000
	M	C	4500	Konocti County Water District	1710006 001	Replace with 6 and 8 inch PVC pipe.	1998	\$7,500,000
	M	C	4400	Murrieta County Water District	3310036 003	Replace main & lateral water lines in older parts of town. Many areas are in lower income areas. Some are also in historical parts of town.	2002	\$750,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	4389	Del Mar - City of	3710004 002	Please see attached	1998	\$260,000
	M	C	4340	Cal-Am Water Company - Felton	4410002 002	Replace San Lorenzo water main.	1998	\$270,000
	M	C	4340	Cal-Am Water Company - Felton	4410002 001	Replace water main.	1998	\$300,000
	M	C	4320	SCWC - WILLOWBROOK	1910072 002	REPLACE WATER MAINS IN CRITICAL AREAS	1998	\$100,000
	M	C	4320	SCWC - WILLOWBROOK	1910072 003	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	1998	\$15,000
	M	C	4320	SCWC - WILLOWBROOK	1910072 001	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	1998	\$100,000
	M	C	4300	Cottonwood County Water Dist.	4510007 001	Construct 1,000,000-gallon tank.	2004	\$750,000
	M	C	4106	FOWLER, CITY OF	1010006 002	Construct a new well to increase the water supply capacity for both sides of the water system.	2002	\$650,000
	M	C	4062	Coachella VWD: I.D. NO. 8	3310048 001	Replace distribution pipelines to prevent contamination caused by leaks or breaks in the pipelines. In addition, extend and loop distribution pipelines to eliminate dead end lines per CA Water Works Standards, Chapter 16.	2003	\$1,000,000
	M	C	4000	PLANADA CSD	2410007 002	INSTALL ADEQUATELY SIZED WATER LINES FROM THE SOUTH SIDE OF THE SYSTEM TO THE NORTH SIDE OF THE SYSTEM.	1998	\$190,000
	M	C	4000	VALLEY VIEW MUTUAL WATER CO.	1910165 001	Low pressure on the old main lines, possible storage tanks installation plus a chlorination system.	1999	\$500,000
	M	C	3800	Weaverville C.S.D.	5310001 008	Install approximately 1400 feet of 12-inch replacement water main.	1998	\$35,000
	M	C	3800	Weaverville C.S.D.	5310001 002	Looping the two mains would eliminate the dead ends and facilitate Trinity River treated water to flow to portion of the East Weaver Pressure Zone.	1999	\$77,000
	M	C	3800	Weaverville C.S.D.	5310001 005	Replace water transmission main.	2000	\$1,050,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 006	Replace 4450 ft of main	1998	\$267,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 007	Replace 2800 ft of main	1999	\$168,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 008	Replace 2770 ft of main	2000	\$166,200
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 009	Replace 3050 ft of main	2001	\$183,000
	M	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 010	Replace 2250 ft of main	2002	\$135,000
	M	C	3710	ACWA Sutter Creek	0310003 002	REPLACE THE WATER MAIN. OTHER = DESIGN AND CONSTRUCTON	2001	\$85,000
	M	C	3589	Hughson, City of	5010008 001	REPLACE A FOUR INCH WATER MAIN WITH A TWELVE INCH MAIN. OTHER = DESIGN AND CONSTRUCTION	1998	\$500,000
	M	C	3567	Millview County Water District	2310006 003	New pumping station, distribution system and storage tank.	1998	\$450,000
	M	C	3567	Millview County Water District	2310006 002	Enlarge and replace distribution lines.	1998	\$350,000
	M	C	3567	Millview County Water District	2310006 004	Add 1 600 gpm filter and 1 3,000 gpm roughing filter.	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	3520	Lee Lake Water District	3310074 001	A water surface treatment facility needs to be constructed to allow the District to use its wells for potable use. Also, a water transmission pipeline must be constructed to connect the wells to the District's existing potable transmission main.	1999	\$1,000,000
	M	C	3510	CWSC Oak Hills	2710019 001	Install a GAC treatment process.	1998	\$200,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 001	INSTALL A PRESSURE REDUCING VALVE STATION, CONNECT TO THE HIGH PRESSURE ZONE, AND INSTALL APPROXIMATELY 420 FT. OF EIGHT INCH PIPELINE TO ISOLATE THE NEW ZONE.	1998	\$50,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 007	CONSTRUCT 2,600 FT. + OF 12 INCH PIPELINE ALONG AN ALTERNATE ROUTE TO MAKE THE SYSTEM MORE RELIABLE.	1999	\$200,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 004	CONSTRUCT APPROXIMATELY 2,700 FT. OF 12 IN. PIPELINE.	1999	\$220,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 006	CONSTRUCT ANOTHER PUMP STATION A SANTIAGO RD. AND SOLEDAD CANYON RD.	2001	\$390,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 003	CONSTRUCT A 500,000 GALLON WATER TANK TO PERMIT SAND TO SETTLE AND ALLOW CONTACT TIME FOR CHLORINE.	2001	\$540,000
	M	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 005	CONSTRUCT 4,200 FT. + OF 12 INCH PIPELINE ON SANTIGO ROAD TO SIERRA HIGHWAY AND THE NORTH TANK.	2002	\$320,000
	M	C	3313	San Joaquin County-Mokelumne Acres	3910017 002	ADD WATER LINES TO LOOP ENTIRE SYSTEM. (SAYS CONSOLIDATION, BUT DOES NOT SEEM POSSIBLE.) OTHER = DESIGN AND CONSTRUCTION.	1998	\$400,000
	M	C	3300	Seaside Municipal Water System	2710018 003	Resurface inside of tanks.	2000	\$100,000
	M	C	3300	Seaside Municipal Water System	2710018 002	Replace tops of tanks.	2000	\$150,000
	M	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 005	RETROFIT TWO WATER TANKS WITH FLEXIBLE CONNECTIONS AND MOVE DRAIN/OVERFLOW TO SIDES OF TANKS.	1999	\$112,500
	M	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 001	RECOAT INTERIOR OF 0.50 MG CUYAMA TANK TO PROTECT WATER QUALITY AND PUBLIC HEALTH.	2000	\$80,000
	M	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 004	CONSTRUCT A 500,000 GALLON TANK AT AN INTERMEDIATE PRESSURE ZONE FOR THE HASLEY AREA.	2001	\$5,015,000
	M	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 002	CONSTRUCT NEW WELL WITH CHLORINATION STATION, FOREBAY TANK, AND BOOSTER PUMPING STATION TO MEET CUSTOMER WATER REQUIREMENTS.	2001	\$1,705,000
	M	C	3239	Armona Community Services Dist	1610001 002	DRILL A NEW WELL AND ACQUIRE PROPERTY. OTHER - DESIGN AND CONSTRUCTION	1998	\$650,000
	M	C	3239	Armona Community Services Dist	1610001 004	NEEDS TO DRILL NEW WELL OR INSTALL A WTP	1998	\$2,186,300
	M	C	3237	HILLVIEW WC-OAKHURST/SIERRA LAKES	2010007 002	REPLACE ABOUT 6,000 FEET OF CLASS 160 PVC WITH NEW 12 INCH DUCTILE IRON PIPE.	1999	\$300,000
	M	C	3196	Sutter Community S.D.	5110007 002	Add a 1mgal tank and replace old pipe in one section of our system	2001	\$400,000
	M	C	3153	Box Springs Mutual WC	3310004 003	Renovation of interior and exterior coatings and structural repairs.	1998	\$130,000
	M	C	3153	Box Springs Mutual WC	3310004 001	Replace all undersized and substandard waterlines.	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	3044	Home Gardens County WD	3310018 001	A water treatment plant with biological denitrification, filtration and disinfection, plus storage tank for blending, detention and equalization.	1998	\$1,000,000
	M	C	3006	BASS LAKE WATER COMPANY	2010003 002	Construct a new 8-inch diameter raw water pipeline.	2002	\$800,000
	M	C	3004	Angels, City of	0510003 003	Replace 3750 linear feet of 10" diameter steel main with 10" diameter C900 main.	2000	\$298,375
	M	C	3000	Lukins Brothers Water Company	0910007 001	Drill new well at property of Well 4 and replace Well 3 on new property.	1998	\$250,000
	M	C	3000	Donner Lake Water Company	2910005 001	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	1999	\$500,000
	M	C	3000	Donner Lake Water Company	2910005 002	Replace main with 10" ductal iron pipe and construct 500,000 gallon storage tank.	1999	\$1,325,000
	M	C	3000	Tahoe Cedars Water Company	3110013 001	System needs a new well for back-up during peak demand period	2001	\$190,000
	M	C	3000	Lukins Brothers Water Company	0910007 003	Install storage tanks with pump and generator station.	2002	\$800,000
	M	C	3000	HERITAGE RANCH CSD	4010012 001	Construct back-up vertical well	2003	\$150,000
	M	C	2970	Redwood Valley County Water District	2310008 002	Construct a 500,000 gal treated water storage tank.	1998	\$365,000
	M	C	2970	Redwood Valley County Water District	2310008 001	Construct a 400,000 gal treated water storage tank.	1998	\$455,000
	M	C	2970	Redwood Valley County Water District	2310008 003	Install 2100 LF of 8 inch main line to loop system and provide improved service characteristics.	1998	\$130,000
	M	C	2970	Redwood Valley County Water District	2310008 004	Replace a 40 HP pressurization pump with a 60 HP pump to increase plant capacity from 1.5 MGD to 2.23 MGD.	1998	\$15,000
	M	C	2969	O'Connor Tract Co-Operative Water Co.	4110019 001	Install 3650 feet of new pipe and reconfigure system to abandon old pipe.	1999	\$500,000
	M	C	2900	LITTLE ROCK CREEK IRRIGATION DIST.	1910064 001	Basin clean up using groundwater withdrawal and blending (see attached report) Project involves: Design, and Construction	1998	\$3,900,000
	M	C	2650	LAKE DON PEDRO C S D	5510008 004	INSTALL BLOWOFFS ON DEADENDS.	1998	\$63,750
	M	C	2650	Lake Alpine Water Company	0210001 002	CONSTRUCT WATER STORAGE TANK	1999	\$100,000
	M	C	2600	Idyllwild WD	3310019 003	Regrade site and construct two 210,000 gallon steel tanks.	1998	\$245,000
	M	C	2600	Idyllwild WD	3310019 001	Rehabilitate two existing wells and drill one new well.	1998	\$120,000
	M	C	2600	Idyllwild WD	3310019 006	Construct new diversion pipeline and pumping station. Construct new roof on forebay tank.	1999	\$120,000
	M	C	2600	Idyllwild WD	3310019 009	Construct 5,000 feet of 6" and 8" pipeline.	2000	\$180,000
	M	C	2600	Idyllwild WD	3310019 010	Construct 5,000 feet of 6" and 8" pipeline.	2001	\$180,000
	M	C	2600	Idyllwild WD	3310019 011	Construct 5,000 feet of 6" and 8" pipeline.	2002	\$180,000
	M	C	2588	Kelseyville Co Waterworks District 3	1710007 002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$10,000
	M	C	2500	ERSKINE CREEK WC	1510009 001	Interior mainline replacement program	1998	\$350,000
	M	C	2500	Santiago County Water District	3010095 001		1998	\$500,000
	M	C	2500	City of Portola	3210003 002	See attached	2000	\$1,681,500



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	2500	Tahoe Park Water Company	3110018	002 Install a storage tank and pipeline. Involves design and construction.	2000	\$200,000
	M	C	2500	Mountain Gate C.S.D.	4510002	002 Construction of 250,000 gallon capacity storage tank, booster pump station, 2,500 feet of 6-inch diameter water main.	2003	\$275,000
	M	C	2483	Shasta C.S.D.	4510013	001 Construct 500,000 storage tank and pump station and extend 12-inch main to increase pressure and provide the reliability required by the Waterworks Standards.	1998	\$650,000
	M	C	2483	Shasta C.S.D.	4510013	002 Produce engineering construction plans and replace restrictive deteriorating line	2001	\$68,000
	M	C	2480	AWA, Pioneer I.D. #1	0310010	001 INSTALL NEW WATER MAINS. OTHER = DESIGN AND CONSTRUCTION	2001	\$450,000
	M	C	2460	Elsinore WD - Lakeland	3310079	001 Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide replacement water supply.	1998	\$350,000
	M	C	2460	Elsinore WD - Lakeland	3310079	002 Design and construct new steel tank to meet WW standards and increase system reliability.	1998	\$250,000
	M	C	2460	Elsinore WD - Lakeland	3310079	003 Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3 years.	1999	\$3,375,000
	M	C	2458	Clearlake Oaks County Water District	1710001	001 Install a 400 KW generator with electrical switching system	1998	\$80,000
	M	C	2370	Lake County CSA 21 - North Lakeport	1710021	001 Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
	M	C	2348	Farm Mutual W.C. (The)	3310046	001	1998	\$1,000,000
	M	C	2348	Farm Mutual W.C. (The)	3310046	002 Construct new reservoir to replace existing reservoir.	2000	\$370,000
	M	C	2300	FRAZIER PARK PUD	1510007	001 REPLACE WATER MAINS WITHIN OUR DISTRICT - REPAIR/REPLACE WATER STORAGE TANKS ADD FIRE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	1999	\$800,000
	M	C	2287	North Gualala Water Company	2310007	001 Replace mains, services, create new circulating loops, replace storage tanks, filter plant and generator.	1998	\$1,500,000
	M	C	2275	City of Wheatland	5810004	001 Installation of additional well(s).	1998	\$170,000
	M	C	2244	SO CA WATER CO - MORONGO DEL SUR	3610063	002 Replace mainline	1998	\$570,000
	M	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015	002 Construct 900 LF of 8 inch water line to replace existing 2-inch line on East St.	1998	\$54,000
	M	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015	005 Construct 1.0 MG reservoir and 7,200 LF of 14 inch transmission line	1999	\$1,223,000
	M	C	2229	Cabazon County WD	3310047	003 See attachment B	1998	\$575,000
	M	C	2229	Cabazon County WD	3310047	001 See attachment B	1999	\$2,500,000
	M	C	2200	Russian River County Water District	4910008	001 Consolidate with adjacent public water district. Install intertie, replace storage tanks and distribution system. Hacienda water system would be acquired and annexed to Russian River County Water District (population 2,000).	1998	\$1,600,000
	M	C	2115	TUD-Tuolumne City	5510003	001 CONSTRUCT PVC PIPELINES TO REPLACE DETERIORATED PIPES AND TO LOOP THE SYSTEM.	1999	\$26,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	2115	TUD-Tuolumne City	5510003 002	CONSTRUCT PIPELINE AND PRESSURE REDUCING STATION TO INTERCONNECT THE TWO SYSTEMS.	2001	\$80,000
	M	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001 004	REFINANCE THE CURRENT BALANCE OF THE ASSESSMENT DISTRICT.	1998	\$2,500,000
	M	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001 002	REPLACE DETERIORATED WATER MAINS WITH NEW MAINS IN CONFORMANCE WITH THE CALIFORNIA WATERWORKS STANDARDS.	1998	\$1,185,000
	M	C	2036	TUD - Cedar Ridge Water System	5510015 001	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$124,000
	M	C	2036	TUD - Cedar Ridge Water System	5510015 002	CONSTRUCT A PUMP STATION AND PIPELINE TO INTERCONNECT THE CEDAR RIDGE SYSTEM TO THE CRYSTAL FALLS SYSTEM.	2001	\$240,000
	M	C	2031	LAKE ELIZABETH MUTUAL WATER CO.	1910056 001	Design and construct a water storage tank on the North side of Fault Zone.	1998	\$500,000
	M	C	2025	Lower Lake County Water District	1710010 001	Abandon both crossings and relocate to right of way at bridge on Copsey Creek way.	1998	\$55,000
	M	C	2025	Lower Lake County Water District	1710010 005	Replace existing pipe with C900 and ductile iron where it crosses Herndon Creek.	1998	\$100,000
	M	C	2025	Lower Lake County Water District	1710010 006	replace with 12 inch C-900 using proper sand bedding	1998	\$200,000
	M	C	2025	Lower Lake County Water District	1710010 003	Replace with 100 -150K storage tank.	2001	\$70,000
	M	C	2025	Lower Lake County Water District	1710010 002	Replace with 500K steel tank. Integrate with existing 500K tank with a 16 inch line and have the ability to shut off each tank for maintenance.	2001	\$200,000
	M	C	2025	Lower Lake County Water District	1710010 008	Replace with new pipe sized to meet current system demands.	2003	\$4,000,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006 015	Install connection for emergency generator to speed restoration of service.	1998	\$3,600
	M	C	2000	North Marin WD - Pt. Reyes	2110006 016	Purchase power generator dedicated to West Marin.	1998	\$35,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006 013	Backup pump for PRE	1999	\$60,000
	M	C	2000	BORON CSD	1510002 002	1/2 MILE OF 4" C900 WATERMAIN FROM WATER TANK TO CHERRYHILL - TO OPERATE WELLS DURING OFF PEAK ENERGY HOURS.	1999	\$100,000
	M	C	2000	North Marin WD - Pt. Reyes	2110006 012	Computerized controls for PRE pump stations.	1999	\$10,500
	M	C	2000	North Marin WD - Pt. Reyes	2110006 023	Distribution system improvements ???	2002	\$500,000
	M	C	1998	Westwood C.S.D.	1810002 001	Construct additional 500,000 gallon storage tank. Install generator unit, new pump/tank control system and water meters.	2000	\$500,000
	M	C	1923	City of Dunsmuir	4710002 001	Construct storage facilities for upper pressure zone.	1998	\$700,000
	M	C	1900	Lost Hills Utility District	1510046 001	REPLACE 11 MILES OF TRUNK LINE, DEVELOP RELIABLE WATER SOURCE, UPGRADE PUMP STATION AND INSTALL STORAGE TANK FOR FIRE FLOW. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,500,000
	M	C	1861	TUD - Ponderosa	5510002 004	REPLACE OLD WRAPPED STEEL PIPE, UPGRADE STORAGE FACILITIES, AND INSTALL TWO NEW STORAGE TANKS.	1999	\$610,000
	M	C	1800	Cobb Area County Water District	1710012 003	construct new storage tanks.	1998	\$94,000
	M	C	1800	Cobb Area County Water District	1710012 004	Replace existing steel mains with pipes more impervious to corrosion.	1998	\$195,000
	M	C	1800	Arbuckle Public Utility District	0610001 001	Replace or install 2,300 feet of water main.	2002	\$125,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	1795	Elsinore WD - Country Club	3310013 001	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide redundancy in source of supply.	1998	\$350,000
	M	C	1795	Elsinore WD - Country Club	3310013 003	Design and construct new steel tank to meet standards, to increase system reliability and to allow major maintenance on other tanks in the system.	1999	\$375,000
	M	C	1795	Elsinore WD - Country Club	3310013 002	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3+ years.	1999	\$3,375,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 003	Construct intertie w/YVWD	1998	\$555,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 001	Construct intertie w/YVWD ~ 3600 ft of 20 inch line	1998	\$360,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 002	Construct intertie w/YVWD	1998	\$61,200
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 006	Provide intertie between system 3610054 and 3610055	1998	\$1,030,000
	M	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 004	Consolidate with YVWD	2000	\$968,000
	M	C	1736	SCWMD Mather-Sunrise	3410704 004	Replace deficient valves and hydrants.	1998	\$175,000
	M	C	1678	Woodville Public Utility Dist	5410025 001	DRILL NEW WELL	1998	\$300,000
	M	C	1620	Caruthers Comm Serv Dist	1010039 003	INSTALL APPROX. 7,000 LF OF NEW WATER MAIN. OTHER - DESIGN AND CONSTRUCTION	1998	\$380,000
	M	C	1600	Skyline County Water District	4110015 001	Construction and pump station in Mountain Meadows area.	1998	\$961,000
	M	C	1600	Skyline County Water District	4110015 002	Install an emergency back-up generator.	1998	\$150,000
	M	C	1600	Skyline County Water District	4110015 004	Grant funds to study system consolidation. Loan funds debt service would like to have incurred by systems requesting consolidation with the district/	1998	\$30,000
	M	C	1600	Tipton Community Services Dist	5410014 001	CONSTRUCT NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$329,000
	M	C	1600	Tipton Community Services Dist	5410014 002	REPLACEMENT OF THE EXISTING PIPING WITH NEW PIPELINES AND A CROSSING OF HWY. 99. OTHER - DESIGN AND CONSTRUCTION.	1998	\$366,000
	M	C	1600	Fall River Mills C.S.D.	4510008 001	Drill a new well in second community to provide the reliability required by the Waterworks Standards.	1998	\$150,000
	M	C	1600	Pratt Mutual Water Co	5410033 002	REPLACE NEW MAIN	1998	\$200,000
	M	C	1600	North Tahoe PUD - Dollar Cove	3110036 003	Replace 4,510 ft of water mains. Involves design and construction.	2000	\$419,000
	M	C	1597	MADERA CSA NO 3 PARKSDALE	2010006 001	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$400,000
	M	C	1540	Hydesville Co. W.D.	1210019 001	1500 feet of 8-inch main to loop system and increase reliability.	1998	\$91,000
	M	C	1540	Hydesville Co. W.D.	1210019 002	1200 feet of 12-inch main (flat) and 225 feet of main (upslope). New main will provide second route from source and increase reliability.	1999	\$118,000
	M	C	1540	Hydesville Co. W.D.	1210019 003	Retrofit tank and loop dead end mains on Guido Lane and Rohnerville Road.	2003	\$650,000
	M	C	1525	Talmon Resort Improvement District	3110047 001	Need new well. Install pressure tank and pressure pumps.	1998	\$150,000
	M	C	1500	DEVORE WC	3610117 004	Refinance existing loan	1998	\$222,695
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035 002	Replace and realign damaged line to restore delivery of a potable water source.	1998	\$130,000
	M	C	1500	Stinson Beach County Wtr Dist	2110004 007	Replacement of 3,00 lf undersized transmission mains.	1998	\$170,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	1500	Stinson Beach County Wtr Dist	2110004 001	Highway One Transmission line replacement	1998	\$70,000
	M	C	1500	Howell Mountain Mutual Water Company	2810001 001	Install IMG tank at plant. Replace distr. system. Bring earthen dams up to standards. Extend the height of Lake Henne dam. Rebuild the supply piping system for the lakes to the treatment plant.	1998	\$12,400,000
	M	C	1500	LE GRAND COMM SERVICES DIST	2410011 001	CONSTRUCTION OF NEW WELLS AND 22,000 FEET OF NEW WATER LINES.	1998	\$2,282,500
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035 001	Relocate 8" transmission line to New York Drive, attaching line to bridge.	1998	\$150,000
	M	C	1500	DEVORE WC	3610117 003	Construct new transmission lines from sources to storage, relocate PRVs	1998	\$347,500
	M	C	1500	BELLFLOWER HOME GARDENS WC	1910012 001	Design and construction of a replacement well.	1998	\$150,000
	M	C	1500	Mt. Hermon Association, Inc.	4410008 001	Carry out an Environmental Impact Report.	1998	\$425,000
	M	C	1500	Esparto C.S.D.	5710007 001	Construct storage and booster facility, new well, and transmission mains. Involves design and construction.	1998	\$1,370,900
	M	C	1500	Majestic Pines Community SD	3710041 001	See attachment	1998	\$0
	M	C	1500	Mt. Hermon Association, Inc.	4410008 003	Dismantle the well head, pull the pump and motor, and insert a piece of pipe in the screened interval section.	1998	\$25,000
	M	C	1500	Pine Valley Mutual WC	3710039 003	Replace with an 8" C-900 water main and services.	1998	\$200,000
	M	C	1500	Pine Valley Mutual WC	3710039 002	Purchase of emergency chlorinator and portable 300 kw generator for tie-in to distribution largest well.	1998	\$120,000
	M	C	1500	Mt. Hermon Association, Inc.	4410008 004	Purchase and install a new lid for tank.	1998	\$100,000
	M	C	1500	Pine Valley Mutual WC	3710039 006	.5 MG storage tank, pump station, an 8" diameter pipeline at higher than upper elevations.	1998	\$1,000,000
	M	C	1500	DEVORE WC	3610117 001	Install diesel booster at Devore Rd PRV, Install earthquake valves on reservoirs and 215FWY bridge, add new mainline valves, install soft start on Pump 3	1999	\$26,500
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035 007	Design and construct one larger concrete reservoir.	2000	\$400,000
	M	C	1500	KINNELOA IRRIGATION DIST.	1910035 008	Replace the pipeline for the above three tunnels and upgrade the existing distribution system.	2000	\$1,204,000
	M	C	1500	DEVORE WC	3610117 002	New 125k reservoir at top of Greenwood Ave, new well	2000	\$175,000
	M	C	1500	City of Blue Lake	1210002 002	Design and replace failing pumping facility; replace all failed valves in system; design and construct telemetry system and alarms.	2000	\$600,000
	M	C	1500	Garberville Water Co.	1210008 005	Repair existing tanks and construct additional 100,000 tanks	2001	\$175,000
	M	C	1500	Pine Valley Mutual WC	3710039 001	Replace with welded steel tank which meets current standards.	2002	\$175,000
	M	C	1488	SO CA WATER CO-VICTORVILLE 5	3610105 002	Replace mainline	1998	\$150,000
	M	C	1425	Hamilton Branch CSD	3210010 001	Replace 3" steam pipe with 6" C900 PVC pipe.	1998	\$200,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	1411	Kettleman City CSD	1610009 003	REPLACE STEEL PIPE WITH AWWA PIPE AND INSTALL NEW BUTTERFLY VALVES. REPLACE THE OLD TELEMETRY SYSTEM WITH A NEW EXPANDABLE TELEMETRY SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	1998	\$180,000
	M	C	1411	Kettleman City CSD	1610009 002	DRILL A NEW WELL - PROVIDE TREATMENT IF NECESSARY. OTHER - DESIGN AND CONSTRUCTION	1998	\$840,000
	M	C	1405	MALAGA COUNTY WATER DISTRICT	1010042 001	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCT	1998	\$875,000
	M	C	1400	RIO COSUMNES CORRECTIONAL CENTER	3400229 002	Construct a new 250,000 gallon water storage tank for fire protection and emergency water supply. Involves design and construction.	1998	\$250,000
	M	C	1400	Buttonwillow CWD	1510011 001	REPLACE 4" LINES WITH 8" LINES AND LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	M	C	1400	RIO COSUMNES CORRECTIONAL CENTER	3400229 001	Construct a new 300 gpm well with a treatment plant for Iron, Arsenic and Manganese. Involves design and construction.	1998	\$250,000
	M	C	1335	Lake County CSA 20 - Soda Bay	1710022 001	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	1998	\$1,000,000
	M	C	1330	MADERA CO SA #1-INDIAN LAKES	2010011 001	INSTALL A NEW WELL AND A 750,000 GALLON STORAGE TANK.	1998	\$300,000
	M	C	1300	BASELINE GARDENS MWC	3610007 004	Drill new well	1998	\$300,000
	M	C	1300	BASELINE GARDENS MWC	3610007 005	Replace pipelines	1998	\$600,000
	M	C	1300	CLOVERDALE MUTUAL WATER Co.	5610068 002	Upgrade or replace tank, upgrade well pump.Install control systems.Design, specify & construct so wells can pump directly to the pressurized tank	2003	\$267,000
	M	C	1294	PASO ROBLES BEACH WATER ASSN	4010006 001	Build new tank and replace mains.	1998	\$650,000
	M	C	1287	Knights Landing Svc. Dist.	5710004 001	Construct groundwater well, hydropneumatic tank, auxiliary power unit, controls and piping.	1998	\$150,000
	M	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249 001	Remove the existing pump bowls and motor, clean and redevelop the well and install higher capacities pump bowls and motor depending on the wells yield. Project involves: Design to solve problem, and Construction	1998	\$40,000
	M	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249 003	Remove the existing pressure tanks and install new ones, lined with NSF approved paint. Project involves: Design to solve problem, and Construction	2000	\$70,000
	M	C	1253	AWA, Pine Acres #4	0310009 001	Replace the redwood tanks with steel tanks	2002	\$800,000
	M	C	1236	Laton Community Services District	1010020 001	REPLACE EXISTING LINE WITH A NEW 8" PVC LINE AND RECONNECT SERVICES.	1998	\$163,000
	M	C	1236	Laton Community Services District	1010020 002	CONSTRUCT A NEW WELL ON THE EAST SIDE OF THE SYSTEM.	1998	\$348,000
	M	C	1223	Redway C.S.D.	1210011 002	Install new main lines in specific areas	2002	\$180,000
	M	C	1200	Grizzly Flats Community Servic	0910006 003	Add a pump, hydropneumatic tank and system pipe tie-in and a 2" service line to customers. Involves design and construction.	1998	\$25,000
	M	C	1200	Grizzly Flats Community Servic	0910006 002	Install an additional 200,000 gallon covered, treated water storage tank. Involves design and construction.	1998	\$175,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	1200	CALIFORNIA DOMESTIC WATER COMPANY	1910199 002	CONSTRUCTED 10,000 GPM VOC REMOVAL SYSTEM: AIR STRIPPING TOWERS WITH OFF-GAS TREATMENT	1998	\$2,300,000
	M	C	1200	Penngrove Water Company	4910003 001	Add 1 MG tank to adjacent system and consolidate.	1998	\$1,750,000
	M	C	1118	LADWP - LONE PINE	1410003 004	Hire consultant to perform system analysis	1998	\$30,000
	M	C	1118	LADWP - LONE PINE	1410003 003	Construct new tank	1998	\$310,000
	M	C	1118	LADWP - LONE PINE	1410003 002	Replace mainline	1999	\$200,000
	M	C	1118	LADWP - LONE PINE	1410003 001	Replace mainline	2000	\$150,000
	M	C	1110	GREEN VALLEY CWD	1910244 001	Expose, remove and replace old lines; refurbish and modify three pressure reducing valves adding pressure sustaining features and low flow bypass; install additional water storage tanks next to existing tanks ...	1998	\$201,250
	M	C	1100	Blythe - Mesa Ranch	3301428 001	Construct a transmission main pipeline connection of the water system to City of Blythe water system.	1998	\$5,033,000
	M	C	1092	MADERA CO SA NO 19-ROLLING HILLS	2010009 001	INSTALL A NEW WELL AND A STANDBY GENERATOR.	1998	\$500,000
	M	C	1055	Durham Irrigation District	0410003 001	Replace water mains and increase capacity of new well.	1998	\$180,000
	M	C	1020	Hopland Public Utility District	2310010 001	Install 3 300,000 gallon tanks.	1998	\$700,000
	M	C	1020	City of Tulelake	4710010 001	Replace old pumps and electrical equipment. Replace chlorination facilities with more reliable and effective equipment.	1998	\$200,000
	M	C	1016	SBDNO COUNTY SERVICE AREA W-1	3610060 002	Develop Water Master Plan for the system	2000	\$50,000
	M	C	1000	Amador County Service Area #3/Unit 6	0310021 002	DEVELOP A SURFACE WATER SUPPLY AND CONSOLIDATE SYSTEM 0310021 WITH 0310008. OTHER = DESIGN AND CONSTRUCTION	1998	\$2,050,000
	M	C	1000	Amador County Service Area #3/Unit 6	0310021 001	BUILD AND CONNECT TO REGIONAL SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	1998	\$2,100,000
	M	C	1000	CEDARPINES PARK MWC	3610011 001	Refinance	1998	\$1,670,500
	M	C	1000	Victoria Farms MWC	3610111 001	Replace pipelines	1998	\$400,000
	M	C	1000	Lake Forest Utility Company, Inc.	3110032 002	Replace undersized lines with 6" and 8" lines. Involves design and construction.	1999	\$500,000
	M	C	1000	AVERYDALE MWC	1910023 002	Buy 1 acre of land, drill and equip a new well, and construct additional storage.	2004	\$325,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 001	REPLACE 2100 FT OF UNDERSIZED 2" WATER MAIN WITH ADEQUATE 6"/8" WATER MAIN.	1998	\$148,500
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 005	THE PROJECT CONSISTS OF INSTALLING 1400 LF OF 12-INCH PIPELINE TO THE TANK ALONG ANOTHER ALIGNMENT.	1998	\$285,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 009	INSTALL APPROX. 4,000' OF 24" PIPELINE AND APPURTENANCES	1998	\$2,457,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 004	TO INSTALL 2800 +/- LF OF SIX AND EIGHT-INCH PIPELINE WITH SERVICES AND FIRE HYDRANTS	1999	\$194,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 002	REPLACE 1-1/4" WATER MAIN IN WEST TRAIL WITH ADEQUATE 6"/8" PIPELINE.	2000	\$45,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 006	RETROFIT TWO TANKS WITH FLEXIBLE CONNECTIONS AND MOVE OVERFLOW DRAINS TO THE SIDE OF THE TANK FROM THE FLOOR.	2000	\$112,500
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 007	UPGRADE EXISTING EMERGENCY CONNECTION WITH LADWP AND EXPAND BOOSTER CAPACITY ACCORDINGLY.	2000	\$400,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 003	INSTALLATION OF PIPELINE ALONG KAGEL CANYON RD FROM EXISTING INTERCONNECTION WITH THE CITY OF LA TO PROVIDE ADEQUATE FIRE PROTECTION.	2001	\$700,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 013	Replace approximately 3800 linear feet of existing 4-inch water main with new 6-inch or 8-inch pipeline	2002	\$430,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 012	Replace approximately 3450 linear feet of existing 11/4-inch water main with new 6-inch or 8-inch pipeline	2002	\$390,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 014	Replace approximately 2000 linear feet of existing 2-inch water main with new 6-inch or 8-inch pipeline	2002	\$200,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 015	Replace approximately 3000 linear feet of existing 4-inch discharge main	2002	\$300,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 016	Replace approximately 3800 linear feet of existing 2-inch water main with new 6-inch or 8-inch pipeline	2002	\$430,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 017	Recoat interior of 0.15 MG and 0.30 MG tanks to protect water quality and public health	2002	\$170,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 011	Replace approximately 4800 linear feet of existing 11/2-inch water main with new 6-inch or 8-inch pipeline	2002	\$540,000
	M	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 010	Upgrade existing emergency interconnection with the City of Los Angeles and expand booster capacity	2002	\$400,000
	M	C	990	SAN MIGUELITO MWC	4010003 012	Institute an aggressive leak detection and repair program for entire system.	1998	\$10,000
	M	C	990	SAN MIGUELITO MWC	4010003 005	Construct a separate, new boost station to take advantage of higher pressure state water.	1998	\$20,000
	M	C	990	SAN MIGUELITO MWC	4010003 010	Install piping and backwash pump to take water from adjacent tank no. 550 rather than system	1999	\$27,000
	M	C	990	SAN MIGUELITO MWC	4010003 008	Replace existing steel water mains with PVC C-900 mains.	1999	\$80,000
	M	C	960	MARIANA RANCHOS CWD	3610030 001	Replace mainline	2000	\$270,000
	M	C	921	RAND COMMUNITIES CWD - RANDSBURG	1510016 001	REPLACE WITH A 500,000 GALLON STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,005,800
	M	C	921	RAND COMMUNITIES CWD - RANDSBURG	1510016 002	CONSTRUCT THREE NEW 100,000 GALLON STEEL TANK RESERVOIRS. OTHER - DESIGN AND CONSTRUCTION	1998	\$409,000
	M	C	921	RAND COMMUNITIES CWD - RANDSBURG	1510016 003	REPLACE WATER MAINS AND REHABILITATE THE WELL AND BOOSTER PUMPS. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,626,000
	M	C	915	San Joaquin County - Thornton	3910009 001	DRILL A NEW WELL.	1998	\$450,000
	M	C	910	WATERTEK-METROPOLITAN	1000057 003	INSTALL NEW PIPELINES	1998	\$14,000
	M	C	910	WATERTEK-METROPOLITAN	1000057 001	CONNECT TO THE CITY OF FRESNO.	1998	\$25,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	900	North Tahoe PUD - Carnelian Woods	3110023 002	Construct a new well. Involves design and construction.	1998	\$280,000
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023 001	Construct an 8,330 ft, 12" diameter intertie to District's main water system. Involves design and construction.	1999	\$1,082,500
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023 003	Replace 3,170 ft water mains. Involves design and construction.	2001	\$315,800
	M	C	900	North Tahoe PUD - Carnelian Woods	3110023 004	Replace 2,400 ft of pipe. Involves design and construction.	2002	\$409,600
	M	C	892	LOS ANGELES CO WW DIST 39-ROCK CREEK	1910025 001	CONSTRUCT A NEW 500' WELL TO REPLACE EXISTING WELL AND INSTALL 500' OF PIPELINE	2002	\$450,000
	M	C	873	Del Oro Water Co.-Magalia	0410009 001	Will be alleviated with the current construction of an intertie and new storage tank.	1998	\$376,000
	M	C	870	SO CALIF WC-MOR DEL NORTE	3600270 002	Replace mainline	1998	\$74,000
	M	C	855	JUBILEE MWC	3600139 001	Construct new tank	1998	\$75,000
	M	C	851	FRESNO CO WATER WORKS DIST 18	1010051 001	Install new filter, modify clearwell, and add new storage tank.	2000	\$461,870
	M	C	845	City of Loyalton	4610001 002	Replace booster pump. Drill new well. Rehabilitate distribution system.	1999	\$547,000
	M	C	842	TUD-Scenic View/Scenic Brook	5510033 005	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	1998	\$142,000
	M	C	842	TUD-Scenic View/Scenic Brook	5510033 003	CONSTRUCT A PIPELINE TO INTERCONNECT WITH THE APPLE VALLEY SYSTEM AND DRILL A NEW WELL.	1998	\$60,000
	M	C	842	TUD-Scenic View/Scenic Brook	5510033 002	REPLACE THE DETERIORATED PIPELINE IN MIDLAND DRIVE.	1999	\$48,500
	M	C	842	TUD-Scenic View/Scenic Brook	5510033 001	EXTEND THE HEIGHT OF THE SHORT TANK. ALSO CONSOLIDATE THIS SYSTEM WITH THE APPLE VALLEY AND PHOENIX LAKE PARK SYSTEMS.	2000	\$40,000
	M	C	840	OAK SPRINGS VLY WC (CSA 70G)	3600186 001	Construct telemetry system	1998	\$50,000
	M	C	840	OAK SPRINGS VLY WC (CSA 70G)	3600186 002	Master Plan Study	2000	\$50,000
	M	C	840	Hillsvieview Homes	5010007 004	Purchase and install one 150 KW diesel generator to provide emergency power for wells.	2003	\$60,000
	M	C	832	Lake County CSA 2 - Spring Valley	1710018 003	Conduct capacity analysis and develop master plan.	1998	\$100,000
	M	C	800	Tranquillity Irrigation Dist	1010030 001	REPAIR WELLS NOS. 4 AND 5, CONSTRUCT NEW WELL NO. 6, IMPROVE TELEMETRY SYSTEM, REPAIR EXISTING ELEVATED STORAGE TANK, INSTALL NEW CHLORINATION SYSTEM, AND INSTALL A NEW STORAGE TANK.	1998	\$570,000
	M	C	800	FALLSVALE SERVICE COMPANY	3610021 001	Repair or replace mainlines and tanks	1998	\$90,000
	M	C	800	Lake Forest Mutual W.C.	1800511 001	Recoat largest storage tank. Build new tank. Replace and add fire hydrants.	1998	\$0
	M	C	800	City of Vallejo-Lakes System	4810021 003	replace old pipes in the area with 4,750 lineal feet of 6" PVC pipe including the installation of four new hydrants.	1998	\$321,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	800	City of Vallejo-Lakes System	4810021 002	To consolidate with that of the Green Valley Water System.	1998	\$3,600,000
	M	C	800	THUNDERBIRD CWD	3600306 001	Construct new 200,000 gallon reservoir	2000	\$160,000
	M	C	800	THUNDERBIRD CWD	3600306 003	Construct disinfection facilities	2000	\$50,000
	M	C	800	THUNDERBIRD CWD	3600306 002	Construct new line	2001	\$90,000
	M	C	770	INDIAN CREEK COMMUNITY SERVICE DISTRICT	1410005 001	Construct a 500,000 gallon storage tank	2000	\$600,000
	M	C	770	Squaw Valley Public Service District	3110020 003	Construct a groundwater treatment plant.	2001	\$5,500,000
	M	C	770	INDIAN CREEK COMMUNITY SERVICE DISTRICT	1410005 002	Install 50,000 gallon storage tank and booster pump station.	2002	\$800,000
	M	C	739	Normco WC	2700511 001	Acquire and install all of the above.	1998	\$90,000
	M	C	700	GREEN VALLEY MWC	3610023 001	Construct new mains, add storage facilities	1998	\$500,000
	M	C	700	CSA 42 ORO GRANDE	3600220 001	Construct new second reservoir	1998	\$100,000
	M	C	700	BIG PINE CSD	1410004 001	Construct new well	1999	\$140,000
	M	C	700	CSA 42 ORO GRANDE	3600220 003	Develop new master plan	2000	\$50,000
	M	C	700	CSA 42 ORO GRANDE	3600220 004	Improve well by raising above grade	2000	\$35,000
	M	C	700	Placer CSA - Sheridan	3110048 001	New wells and ground level water storage tank	2002	\$875,000
	M	C	695	CSA 70 W-3 (HACIENDA)	3600114 001	Construct 5.25 miles of new mainline	1998	\$1,164,240
	M	C	695	CSA 70 W-3 (HACIENDA)	3600114 002	Improve system replace old pipe and add booster station	2000	\$580,000
	M	C	695	CSA 70 W-3 (HACIENDA)	3600114 005	Develop new master plan	2000	\$50,000
	M	C	690	YERBA BUENA WATER COMPANY	5610006 003	Purchase a storage tank site and construct a 250,000 to 300,000 gallon tank.	2003	\$650,000
	M	C	667	San Joaquin County - Wilkinson Manor	3910024 001	CONSOLIDATE INTO A SINGLE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$3,000,000
	M	C	665	EAST WOOD FARMS CWU	3600100 002	Construct new pressure tank, drill well, install meters	1998	\$115,767
	M	C	660	Ward Well Water Company	3110031 001	Replace tank - increase capacity, replace mains	2001	\$250,000
	M	C	648	El Dorado Mutual Water Co.	1900803 001	REPLACE BOTH TANKS.	1998	\$125,000
	M	C	640	STRAWBERRY LODGE MWC	3600301 001	Replace mainline	1999	\$750,000
	M	C	625	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 001	Construct new well and treatment facility	1998	\$150,000
	M	C	600	SNOWCREST HTS. IMP. ASSOC	3600262 001	Construct source, storage, and distribution facilities	1998	\$500,000
	M	C	600	San Francisco Regional Water System	3810001 003	Replace trestles above low water where required. Replace walkways and guardrails where required. Raise elevation of support where required.	1998	\$6,650,000
	M	C	600	San Francisco Regional Water System	3810001 056	Design a bypass tunnel, so Hetch Hetchy water does not receive local runoff during storm events.	1998	\$14,548,000
	M	C	600	San Francisco Regional Water System	3810001 062	Design and construct expansion of SVWTP to 240 mgd treated water reservoir solids handling facilities and pipelines and pump station expansion.	1998	\$14,670,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	600	San Francisco Regional Water System	3810001 046	Determine appropriate locations needing pressure reducing values between the northerly portion of the University Mound distribution system and adjacent higher pressure water supply system.,	1998	\$370,000
	M	C	600	San Francisco Regional Water System	3810001 041	Build a pump station to pump water either from or to SCVWD.	1998	\$7,900,000
	M	C	600	San Francisco Regional Water System	3810001 038	Add a fourth pipeline to the San Joaquin system.	1998	\$250,000
	M	C	600	San Francisco Regional Water System	3810001 037	Repair and re-line the portion of San Joaquin pipeline between San Joaquin river and Tesla Portal.	1998	\$3,000,000
	M	C	600	San Francisco Regional Water System	3810001 036	Slip-line existing pipelines (put a pipe side), where possible, and to replace it where this is not feasible.	1998	\$90,200,000
	M	C	600	San Francisco Regional Water System	3810001 042	Plan, design. And install diesel generators and buildings at critical water pumping stations.	1998	\$9,040,000
	M	C	600	San Francisco Regional Water System	3810001 043	Evaluate the need and the type of standby power needed at the various facilities.	1998	\$2,100,000
	M	C	600	San Francisco Regional Water System	3810001 031	UPGRADE SWITCH GEAR, ELECTRICAL SYSTEMS, PUMPS AND OTHER ITEMS. ADD NECESSARY AUTOMATION IN FACILITIES TO SUPPORT SCADA.	1998	\$4,100,000
	M	C	600	San Francisco Regional Water System	3810001 010	Review the existing piping design for effectiveness and appropriateness. Produce the plans and specifications including rearranging the connection for SVWTP.	1998	\$33,000,000
	M	C	600	San Francisco Regional Water System	3810001 025	PROVIDE A NEW SUNSET FEEDER MAIN. BUILD PRESSURE REDUCING STATION AND MAKE CONNECTIONS TO THE UM SYSTEM MAINS.	1998	\$26,000,000
	M	C	600	San Francisco Regional Water System	3810001 006	Perform study and analysis of existing timer trestles to determine their ability to withstand future earthquakes. Develop alternatives to achieve this goal followed by design and construction of necessary work.	1998	\$24,610,000
	M	C	600	San Francisco Regional Water System	3810001 024	REPAIR AND REPLACE THE DETERIORATED VALVES IN ORDER OF CRITICALITY. ADD NEW VALVES FOR FLEXIBILITY ABD RELIABILITY WHERE DETERMINED.	1998	\$470,000
	M	C	600	San Francisco Regional Water System	3810001 019	PROVIDE PARALLEL TUNNEL THAT WILL UPGRADE SYSTEM TO RELIABILITY TO AN ACCEPTABLE LEVEL. PROVIDE AN ALTERNATIVE FACILITY TO MEET THE SAME.	1998	152,000,000
	M	C	600	San Francisco Regional Water System	3810001 017	SEISMICALLY ANCHOR TANKS, PUMPS, AND PIPING. PROVIDE AUTOMATIC SHUT-OFF VALVES ON CHEMICAL FEED LINES AND OTHER ITEMS.	1998	\$3,925,000
	M	C	600	San Francisco Regional Water System	3810001 014	Replace three sections of pipeline.	1998	\$12,600,000
	M	C	600	San Francisco Regional Water System	3810001 012	MAKE PREPARATION OF PLANS AND SPECIFICATIONS FOLLOWED BY CONSTRUCTION WORK.	1998	\$439,000
	M	C	600	San Francisco Regional Water System	3810001 011	Reverse shift in channel by relocation of side cast quarry rock from one side to another, replace natural impedimants to creek flows.	1998	\$4,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	600	San Francisco Regional Water System	3810001 040	Investigate areas where flexible connection should be made piping in reservoirs; replace the seals in reservoir roofs where it has been determined to deter contamination of these treated water reservoirs,	1998	\$70,400,000
	M	C	600	San Francisco Regional Water System	3810001 048	Provide seismic anchorage for these water tanks. Provide flexible connections between the tanks, the inlet and outlet piping.	1998	\$3,200,000
	M	C	600	San Francisco Regional Water System	3810001 028	relocate and upgrade the PRVs and other critical valves.	1998	\$2,620,000
	M	C	600	San Francisco Regional Water System	3810001 063	Design and construct expansion of SVWTP to 240 mgd; treated water reservoir; solids handling facilites; and pipelines and pump station expansion.	1999	265,100,000
	M	C	600	AVILA BEACH COMM WATER DIST	4000222 005	Construct new storage tank.	2002	\$450,000
	M	C	600	AVILA BEACH COMM WATER DIST	4000222 004	Design and Construct a booster station	2002	\$82,000
	M	C	600	AVILA BEACH COMM WATER DIST	4000222 003	Replace corroded tanks, valves and system piping.	2002	\$250,000
	M	C	586	LADWP INDEPENDENCE	1410002 005	Hire consultant to perform system analysis	1998	\$30,000
	M	C	586	LADWP INDEPENDENCE	1410002 001	Replace mainline	1998	\$400,000
	M	C	586	LADWP INDEPENDENCE	1410002 002	Replace mainline	1999	\$350,000
	M	C	586	LADWP INDEPENDENCE	1410002 003	Replace mainline	2000	\$250,000
	M	C	586	LADWP INDEPENDENCE	1410002 006	Construct new tank	2000	\$100,000
	M	C	586	LADWP INDEPENDENCE	1410002 004	Replace mainline	2001	\$200,000
	M	C	578	Julian Community Services District	3700909 001	Replace with updated modern equipment	1999	\$150,000
	M	C	575	Gasquet C.S.D.	0800555 007	Add an additional 150 GPM pressure filter.	1998	\$38,000
	M	C	575	Gasquet C.S.D.	0800555 006	Engineering for installing an additional 250,000 gallon storage tank.	1998	\$30,000
	M	C	575	Gasquet C.S.D.	0800555 005	Purchase a 100 KW 3-phase generator.	1998	\$32,000
	M	C	575	Gasquet C.S.D.	0800555 002	Build distribution system to serve these residences filtered water.	1999	\$250,000
	M	C	575	Gasquet C.S.D.	0800555 008	Install additional 250,000 gallon water storage tank.	1999	\$195,000
	M	C	555	CARMEL RIVIERA MWC	2701254 001	Drill one or two new wells with the assistance of a Groundwater Geologist to obtain at least 50 gpm of sustainable yield of good quality ground water.	1998	\$250,000
	M	C	550	WESTSIDE PARK MUTUAL	1900102 001	CONSTRUCTION OF A NEW 500,000 GALLON TANK TO INCREASE STORAGE AND AN ENLARGED PUMPING STATION.	1998	\$250,000
	M	C	550	BRIDGEPORT PUD	2610003 001	Construct new main, generator, and pumps	1999	\$250,000
	M	C	550	ARROWBEAR PARK CWD	3610110 001	Replace mainline to WW stds.	1999	\$150,000
	M	C	550	WESTSIDE PARK MUTUAL	1900102 002	Purchase 300 KW Diesel standby generator.	2002	\$85,000
	M	C	537	Lake County CSA 6 - Finley	1710019 002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	1998	\$75,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	537	Lake County CSA 6 - Finley	1710019 001	Construct 100,000 gal storage tank and evaluate consolidation with Kelseyville and Soda Bay systems.	1998	\$500,000
	M	C	500	Tres Pinos CWD	3500509 001	Drill new well. Construct new pipe line. Add 500,000 gallon tank and other new equipment. Need funds for design and construction.	1998	\$1,000,000
	M	C	500	DEER PARK NUDIST RESORT/BUFF CREEK	3600308 001	Construct new well and tank	1998	\$50,000
	M	C	500	CIRCLE OAKS DISTRICT	2800521 001	Cut into bedrock material and replace tank with 70,000 to 100,000 gal tank.	1998	\$300,000
	M	C	500	California Pines C.S.D.	2500503 001	Drill a new well to provide the reliability required by the Waterworks Standards. Recoat the interior of the water tank.	1998	\$50,000
	M	C	500	LAKE ISABELLA COMMUNITY SERVICES DIST	1503270 001	DESTROY WELLS AND REPLACE WATER LINE	1998	\$29,400
	M	C	500	SAN LUCAS WD	2701676 003	Design and engineering of a new water tank.	1998	\$77,000
	M	C	500	Resort Imprvmt. Dist. #1	1210022 001	Engineering planning design for construction/repair of tanks.	1998	\$24,100
	M	C	500	PLEASANTIMES MUTUAL WATER CO.	0707576 001	Install 4" minimum lines to replace 2" low pressure lines, 10,000 L.F.	1998	\$550,000
	M	C	500	PINEWOOD MEADOWS MHP	5000090 001	UPGRADE DISTRIBUTION PIPING. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
	M	C	500	LOG CABIN RANCH	4100531 001	Installation of emergency generator, valves, piping, watert storage tanks and cleaning of emergency water source.	1998	\$500,000
	M	C	500	Jacumba Community SD	3710011 001	Drill a new well at an already aquired site that is at an elavation higher than existing well sites.	1998	\$67,000
	M	C	500	Resort Imprvmt. Dist. #1	1210022 009	Engineering design and construction of tanks.	1999	\$464,600
	M	C	500	LSID-Strathmore System	5410036 002	MANIFOLD DISTRICT GROUND WATER WELLS TO INCREASE CAPACITY AND YIELD. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
	M	C	500	CROWS LANDING COMM SVC DISTRICT	5000005 001	INSTALL NEW DISTRIBUTION LINES. OTHER = DESIGN AND CONSTRUCTION.	1999	\$500,000
	M	C	499	SAN SIMEON CSD	4000568 002	Construct an upgraded parallel line to the reservoir.	2003	\$100,000
	M	C	495	Westhaven C.S.D.	1210024 001	Booster station and/or new main line.	1998	\$50,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 006	Install 2 air/vac valves and 3 fire hydrants.	1998	\$7,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 004	Replace old pressure reducing valves, as well as adding two more to the system to reduce pressure to less than 100 psi.	1998	\$11,000
	M	C	490	Pine Mountain Mutual Water Co.	2300591 005	Replace water main with 6 inch PVC as well as lateral services.	1998	\$775,500
	M	C	475	Armstrong Valley - Cal Water Service	4910018 001	Install transmission line to adjacent public water system to purchase water.	1998	\$85,000
	M	C	450	CSA 70F, MORONGO VALLEY	3600226 001	Construct 2.37 miles of new mainline	1998	\$525,571
	M	C	450	TRADEWIND WATER ASSOC.	1500406 002	SYSTEM AND STORAGE TANK WERE REPLACED	1998	\$450,000
	M	C	450	Town of Sunol-SFPUC	0110012 001	Replace 2" service main with 4" service mains. Install fire service mains and hydrants within the distribution system; Replace the existing transmission/supply pipeline.	1998	\$533,080

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	450	VERDE VALE WATER COMPANY	4500007 001	Replace float system in reservoir; Replace pressure system; Update pumping system and electrical to provide the reliability required by the Waterworks Standards.	1998	\$10,000
	M	C	450	Sierra Brooks PSD	4600009 001	Construct new storage tank, refurbish existing tank and thus correct pressure problems.	1998	\$450,000
	M	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 005	Replace line from tank to distribution system.	1998	\$96,090
	M	C	450	GLEN MARTIN MWC	3610016 001	Construct new reservoir, replace mainline, drill new well	1999	\$1,000,000
	M	C	450	CSA 70F, MORONGO VALLEY	3600226 003	Replace pipe and booster station	2000	\$580,000
	M	C	450	CSA 70F, MORONGO VALLEY	3600226 004	Develop new master plan	2000	\$50,000
	M	C	450	Orleans C.S.D.	1200729 001	Construct a 100,000 gallon storage tank and place a liner in an existing redwood tank	2001	\$90,000
	M	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195 003	Repair complete reservoir to provide the reliability required by the Waterworks Standards.	1998	\$10,000
	M	C	438	VEGA RD MWS #1	2700787 001	Construct new water tank and associated appurtenances.	2000	\$175,000
	M	C	435	City of Tehama	5200504 002	Replace 8000 lineal feet with 6" mains and valves.	1998	\$212,500
	M	C	429	SANTA CRUZ COUNTY SANITATION	4400571 003	Construction of new mains.	1998	\$200,000
	M	C	417	Myers Flat M.W.S. Inc.	1200538 001	Will replace 4-inch PVC main line under Highway 101 with 8-inch PVC. Replace 4-inch PvC with 6-inch PVC main stem line.	1998	\$25,890
	M	C	413	OAKVALE PARK	3700962 003	Installing larger water line of approved material to better serve residents and avoid damage to paved county rd.	1998	\$20,000
	M	C	413	OAKVALE PARK	3700962 002	Installing isolation valves in distribution system.	1998	\$7,000
	M	C	413	OAKVALE PARK	3700962 001	Installing a drinking water approved vinyl liner in tank.	1998	\$5,000
	M	C	410	LASSEN PINES MUTUAL WATER CO	4500210 001	Construct water storage tank.	2003	\$300,000
	M	C	405	SUNNYSIDE FARMS MUTUAL	1900146 001	REPLACE TANK BOTTOM.	1998	\$30,000
	M	C	405	SUNNYSIDE FARMS MUTUAL	1900146 002	DRILL NEW WELL.	1998	\$15,000
	M	C	400	Sierra Cedars CSD	1010052 001	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$250,000
	M	C	400	MARKLEEVILLE WATER COMPANY	0202504 001	Locate additional water source and replace pipeline.	1998	\$2,000,000
	M	C	400	Clear Creek CSD-Westwood	1800512 003	Construct 250,000 gallon storage tank. Install 8" and 6" water lines to replace existing 4" and 2" lines.	2000	\$250,000
	M	C	400	ARROWHEAD MANOR WATER CO	3610026 003	Increase size from 2" to 6" of import water line from CLAWA	2000	\$0
	M	C	400	TRIPLE R MUTUAL WATER CO.	5400670 001	Blending treatment or drill new wells	2002	\$100,000
	M	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 006	Build 17,600 feet of 4-inch and 35,300 feet of 6-inch new water mains.	2002	\$2,580,800

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	400	ARROWHEAD MANOR WATER CO	3610026 005	Inspect and coat or replace existing storage tanks	2002	\$220,000
	M	C	400	ARROWHEAD MANOR WATER CO	3610026 004	Replace 60,000 feet of pipeline	2002	\$8,000,000
	M	C	396	MANANA WOODS MUTUAL WATER CO	4400539 001	Replace lines, and install shut-off valves, meters, and purification filters.	1998	\$50,000
	M	C	380	IVCSD - Crescent Mills	3200510 003	new water mains, laterals	2001	\$532,190
	M	C	378	Lake County CSA 7 - Bonanza Springs	1700544 002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$50,000
	M	C	360	BROADVIEW TERRACE WATER CO	2000521 001	INSTALL 6 INCH DIAMETER MAINS WITH FIRE HYDRANTS.	1999	\$300,000
	M	C	350	ROVANA VILLAGE	1400006 004	Construct new tank	1998	\$107,400
	M	C	350	ROVANA VILLAGE	1400006 003	Replace lines	1998	\$611,500
	M	C	350	ROVANA VILLAGE	1400006 006	Install backup system	1998	\$45,200
	M	C	350	Weott C.S.D.	1200553 001	Remove and replace water transmission lines under the south fork of the Eel River.	1998	\$50,000
	M	C	350	ROVANA VILLAGE	1400006 002	Drill backup well	1998	\$381,300
	M	C	350	ROVANA VILLAGE	1400006 005	Replace upper segment of line	1998	\$95,200
	M	C	350	YOSEMITE FORKS ESTATES MUTUAL WTR	2000527 001	REPLACEMENT OF PIPELINES. THIS PROJECT WILL ALSO BENEFIT THE ADJACENT CEDAR VALLEY SYSTEM WHICH IS INTERCONNECTED.	1998	\$483,000
	M	C	350	Weott C.S.D.	1200553 005	Remove/replace approximately 1.25 miles of old steel lines. Install connection lines and valves between the two treatment lines at the plant.	1998	\$25,000
	M	C	350	Weott C.S.D.	1200553 002	Remove old tank and install two 50,000 gallon tanks.	1998	\$146,000
	M	C	350	Heights Mutual Water Company	4900612 001	Replace 2 inch main with 6 inch, install fire hydrants, replace deteriorated redwood storage tank, construct new well in the upper pressure zone.	1998	\$500,000
	M	C	350	VILLA DEL MONTE MWC	4400595 001	Replace distribution system.	1999	\$490,256
	M	C	350	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 004	CONSTRUCT ELEVATED STORAGE TANK	2001	\$300,000
	M	C	350	FILLMORE IRRIGATION CO	5601105 001	Construct a new tank (125,000 gallons) at site that includes soil compaction, pad, erect new tank with earthquake anchors and signal devices for well pump.	2002	\$90,000
	M	C	350	FILLMORE IRRIGATION CO	5601105 002	Elevate casing head, pour new slab-realign discharge pipe-eliminate possibility of surface contamination	2003	\$25,000
	M	C	340	ARBOR MOBILE HOME PARK	3900831 001	RENOVATE BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$10,000
	M	C	330	CHARLES BROWN WATER COMPANY	1400004 001	Replace distribution system piping	1998	\$100,000
	M	C	325	DESERT SPRINGS MWC	3600089 002	Replace mainline Phase I	1998	\$67,676
	M	C	325	DESERT SPRINGS MWC	3600089 001	Replace mainline Phase II	1999	\$67,676
	M	C	325	DESERT SPRINGS MWC	3600089 003	Replace mainline Phase III	2000	\$69,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	320	KRISTA MUTUAL WATER COMPANY	1500475 001	Remove and replace pump and pump house. Install additional storage tank, replace 5000' of 8" trans. Pipeline, property and ROW for tank with piping. OTHER - Design and Construction	1998	\$300,000
	M	C	315	SLIDE INN SNOWBOWL WATER CO	5500077 001	Upgrade and replace existing pipelines and install new tank already purchased. OTHER-Refinance and Design	1998	\$125,000
	M	C	313	Lake County CSA 13 - Kono Tayee	1700554 002	Consolidate with Paradise Valley water system with 800 ft connection line.	1998	\$250,000
	M	C	313	Lake County CSA 13 - Kono Tayee	1700554 001	Conduct capacity analysis and develop master plan, study possibility of consolidation with Paradise Valley water system.	1998	\$100,000
	M	C	300	Hope Foundation/Moriah Heights	0300062 001	INSTALL AUTOMATIC SHUT-OFF ON TANK FILL LINE. INSTALL FE & MN REMOVAL SYSTEM. DRILL BACK-UP WELL.	1998	\$80,000
	M	C	300	Elk Creek Community S.D.	1100616 002	Construct pipeline across creek. Loop dead end lines to reduce problems.	1998	\$232,000
	M	C	300	HIGH VALLEY WATER DISTRICT	3301775 001	For the past 3 yrs. We have replaced approx. 1 mile a year of the bade pipe with ductile iron. This is approx. all that the budget will allow. Although replacing pipe in the worst areas has helped, to save cost we replace all the pipe in house.	1998	\$3,000,000
	M	C	300	SHADOW ACRES MUTUAL WATER CO	1900301 001	TIE THE DEAD-ENDS TOGETHER AND LOOP OUR ENTIRE DISTRIBUTION SYSTEM	1998	\$280,000
	M	C	300	Sierraville P.U.D.	4600018 001	Replace deteriorated and undersized water lines. Repair existing storage tank and add a second tank. Install water meters on all services.	1998	\$500,000
	M	C	300	SAHARA MOBILE COURT	3900964 001	REPLACE DISTRIBUTION SYSTEM	1998	\$500,000
	M	C	300	YUIMA MUNICIPAL WATER DISTRICT IDA	3700938 002	Replace 10,840' of main lines with CML/C or C900 PVC pipe.	1998	\$314,300
	M	C	300	MEADOW LAKES CLUB	1000056 001	INSTALL A NEW TRANSMISSION LINE.	1999	\$100,000
	M	C	300	SHADOW ACRES MUTUAL WATER CO	1900301 002	INSTALL A BOOSTER SYSTEM NEAR THE WHOLESALER'S WATER TURNOUT.	2000	\$130,000
	M	C	300	CAMPTONVILLE COMM. SERV. DIST	5800924 001	Discover and develop water supply spring or well. Construct 1200 feet of 6" mainline. Construct new storage tank.	2000	\$94,000
	M	C	300	OWENS VALLEY WATER COMPANY	1400005 001	Determine problem for lack of water pressure and repair	2001	\$25,000
	M	C	300	ROYAL OAKS M.H.P.	5400573 001	Connection to the California Water Service-Visalia system	2001	\$35,000
	M	C	300	Mineral County Water District	5200503 003	Drill second well and add more storage tanks	2001	\$50,000
	M	C	298	West Palm Springs Village	3310078 001	Construct new well with pump, for increasing system reliability by providing redundancy in source of supply to meet the WWS.	1998	\$149,000
	M	C	298	West Palm Springs Village	3310078 002	Design and construct 11,000' of new watermain to meet the WWS and increase system reliability by interconnecting the PZ source of supply sites and storage site with new watermain.	1998	\$530,000
	M	C	288	Siskiyou Co. Rolling Hills MWC	4700528 002	Install new water mains, flushing hydrants, and 125,000 gallon storage tank.	2002	\$750,000
	M	C	280	Redwood Park C.S.D.	0800526 001	Replace the two water storage tanks with new tanks.	1998	\$200,000
	M	C	280	Redwood Park C.S.D.	0800526 002	Replace the water tank(s).	2000	\$200,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	276	BUTANO CANYON MUTUAL	4100503 001	Install new distribution system of high density polyethylene, with 96 metered connections and a new 40,000 gallon header tank at higher elevation.	1998	\$450,000
	M	C	273	PEDRAZZI MWC	2701364 001	Drill a new well and tie it into the existing system.	1998	\$561,050
	M	C	273	TAMARRON MOBILE HOME PARK	5500193 001	REPLACE PUMPS AND PIPING. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	M	C	270	FAIRMEAD DIST #33	2000554 001	CONSTRUCT A NEW WELL.	1998	\$250,000
	M	C	268	Rabb Park Community Ser. Dist.	0310015 004	REFINANCE AT LOWER INTERST RATE	1998	\$11,250
	M	C	268	Rabb Park Community Ser. Dist.	0310015 002	INSTALL 750' OF C-900 PIPELINE. OTHER = DESIGN AND CONSTRUCTION.	1998	\$38,000
	M	C	255	Benbow W.C.	1200671 001	Construct 250,000 gallon welded steel tank to provide adequate storage.	1998	\$175,000
	M	C	250	Phillipsville Water Association	1200541 001	Install complete water system including wells, pumps, water treatment and storage tank.	1998	\$1,300,000
	M	C	250	QUEEN MOTEL	2700706 001	Consolidate with CWSC - King City.	1998	\$230,500
	M	C	250	Coulterville CSA 1	2210901 002	INSTALL A PRESSURE SYSTEM FOR THE HIGHER ELEVATION CUSTOMERS AND INSTALL ALL NEW METERS AND VALVES.	1998	\$200,000
	M	C	250	Hornbrook C.S.D.	4700513 001	Eliminate deadends by looping. Where looping not possible, provide flushing valves at end of deadend.	1998	\$550,000
	M	C	250	Twin Valley, Inc.	4300575 002	Install new tank & piping.	1998	\$150,000
	M	C	250	Palomino Lakes Mutual Water Co.	4900570 001	Construct new 100,00 or 150,00 gal tank.	1998	\$85,000
	M	C	250	El Portal Mobile Estates	4900799 001	Connect to City of Santa Rosa water supply or design an alternate form of water production.	1998	\$250,000
	M	C	250	Northcrest Trailer City	0800552 001	Hook up to City of Crescent City water system	2000	\$30,000
	M	C	250	PARK HEIGHTS MUTUAL WATER CO	5000017 001	REPLACE DISTRIBUTION SYSTEM AND UPGRADE WELL.	2000	\$400,000
	M	C	249	SAN JERARDO COOP	2701904 001	Drill new well and install new pump facilities. Obtain a standby generator and disinfection equipment & install them.	1998	\$145,000
	M	C	245	RIVERVIEW WATER ASSN	0707577 001	Drilling deeper well and installing newer pump.	2000	\$10,000
	M	C	240	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 002	Loop system	2003	\$300,000
	M	C	231	Walnut Ranch Water Company	0600011 001	Construct additional water source and pipeline appurtenances.	1998	\$150,000
	M	C	230	SO CALIF WC-VICTORVILLE # 3	3600279 001	Replace mainline	1998	\$216,000
	M	C	230	FCSA #32/CANTUA CREEK	1000359 001	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	1998	\$200,000
	M	C	230	GREENBELT WATER COMPANY INC	4400598 003	Replace tank with new 60,000-gallon steel tank.	2000	\$32,000
	M	C	229	CASITAS MUTUAL WATER COMPANY	5601104 001	Design to solve problem, increase pumping ability (psi), replace old lines & interconnect to form grids and loops.	1998	\$150,000
	M	C	225	MOUNTAIN MEADOWS MWC	2600620 001	Construct second storage tank	1998	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	225	MOTHER LODGE MOBILE ESTATES	5500125 001	INCREASE STORAGE OR HOOK TO PUBLIC SUPPLY	1998	\$75,000
	M	C	225	Western Mobile Home Park	4900791 001	Run 2 inch line with 3/4 inch lateral to each of the 5 homes affected.	1998	\$10,000
	M	C	225	Western Mobile Home Park	4900791 002	Run 2" line with 3/4" service connections to each home.	2000	\$10,000
	M	C	225	MOTHER LODGE MOBILE ESTATES	5500125 002	Installation of a new storage tank.	2002	\$20,000
	M	C	224	ANGLER'S SUBDIVISION #4	0707569 001	Install 3" - 4" lines throughout entire system. To each lot/hook-up.	1998	\$560,000
	M	C	215	BUENA VISTA WATER COMPANY	2701870 001	Install six 50,000 gallon tanks, pumps, six standby generators, and pumphouses for three separate storage & booster facilities.	1998	\$525,000
	M	C	211	FERN GROVE WATER CLUB	4400572 001	(1) Replace one and a half miles of main line. (2) Drill a second well.	1999	\$500,000
	M	C	210	Kirkwood Meadows Pubilc Utilit	0210002 002	Drill test wells to find reliable, high volume well.	1998	\$40,000
	M	C	210	CSA No. 31 (Stonegate WS)	3500006 001	Re-coat tanks.	1998	\$100,000
	M	C	210	Kirkwood Meadows Pubilc Utilit	0210002 001	Drill additional water well and related treatment facility construction.	1998	\$300,000
	M	C	208	ROLLING WOODS MUTUAL WATER CO	4400542 001	Replace water line.	1998	\$12,500
	M	C	206	PARADISE RANCH MHP c/o SANTIAGO ASSOC.	1910099 004	REPLACE 107,000 GAL. TANK.	1998	\$35,000
	M	C	200	Yosemite West Water System	2210924 001	CONSTRUCT A NEW WELL AND BACKUP GENERATOR, INSTALL AN EMERGENCY CHLORINATION SYSTEM, AND MAKE VARIOUS DISTRIBUTION SYSTEM IMPROVEMENTS.	1998	\$670,000
	M	C	200	CROWN RANCH PUMPING COMPANY	3301878 001	Install a new tank.	1998	\$40,000
	M	C	200	Adams Springs Water District	1700501 001	System rebuild.	1998	\$500,000
	M	C	200	A & A M.H.P.	5400504 001	Drill new Well	1998	\$150,000
	M	C	200	Sonoma County CSA 41-Salmon Creek	4900543 001	Construct elevated storage tank.	1998	\$75,000
	M	C	200	Sonoma County CSA 41-Salmon Creek	4900543 002	Improvements of the subsurface diversion.	1998	\$10,000
	M	C	200	Sierra Co. W.W.D #1, Calpine	4600019 001	Drill new well, construct new pumping station, and construct new storage tank (140,000 gallons). Replace old riveted steel pipe.	1998	\$275,000
	M	C	200	LOWER ROCK CREEK MUTUAL WATER CO.	2600538 001	Construct new 100k gal tank	1999	\$80,000
	M	C	200	MUSICK MEADOWS #2	1000061 001	CONSTRUCT ANOTHER STORAGE TANK AND IMPROVE OLD PIPELINES.	1999	\$275,000
	M	C	200	KINGS CANYON MOBILE HOME PARK	1000267 001	CONSTRUCT A NEW WELL AND REPLACE PIPELINES.	1999	\$150,000
	M	C	200	TUCKER ACRES MUTUAL WATER CO.	2800516 001	Put in approximately 1,100 feet of new water line, sawing throught road then patching, 3 shut-off valves, one blow-off valve, necessary permits	2000	\$60,000
	M	C	200	LOWER ROCK CREEK MUTUAL WATER CO.	2600538 002	Construct 900 ft of 6inch to loop upper zone	2000	\$95,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	200	TUCKER ACRES MUTUAL WATER CO.	2800516 002	Replace 1,100 feet of water main.	2001	\$60,000
	M	C	200	ALLEN ROAD MUTUAL WATER SYSTEM	1500483 001	DRILL NEW WELL. OTHER - STUDY, DESIGN, CONSTRUCTION AND OTHER	2002	\$100,000
	M	C	200	LEISURE PINES MUTUAL WATER CO	5500053 002	Install a new storage tank and pump station.	2003	\$50,000
	M	C	198	Lands of Promise (CWS)	1500424 001	INSTALL 6" MAINS AND 6 -200 TO 500 GAL TANKS.	1998	\$271,760
	M	C	197	LONG CANYON WATER COMPANY CORP.	1500578 001	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$50,000
	M	C	196	TWAIN HARTE VALLEY MWC	5500080 002	INSTALL 4,752 FEET OF 6 INCH DIAMETER PVC PIPELINES.	1999	\$35,640
	M	C	195	GORDON ACRES (STEWART WC)	3600297 001	Construct new pressure tank, repair leaks, replace well, replace booster pumps, redwood lines	1998	\$150,000
	M	C	195	GORDON ACRES (STEWART WC)	3600297 002	Construct new well and two new reservoirs	1998	\$150,000
	M	C	195	WOODSIDE MUTUAL WATER COMPANY	4100546 001	Replace existing pipes and provide more storage for fire protection	1999	\$1,500,000
	M	C	191	Palm Springs Crest	3310081 001	Design and construct new steel tank to replace old tank, along with 3,000' of new water main to meet the waterworks standards and increase system reliability.	1998	\$356,000
	M	C	191	Palm Springs Crest	3310081 002	Design and construct new well with pump, modify existing Well 25 pump for delivery to a higher elevation, along with 3,000' of new watermain to meet WWS, increase system reliability, and provide redundancy in source-of-supply.	1998	\$397,000
	M	C	191	Palm Springs Crest	3310081 003	Design and construct new pressure reducing station, along with 2,500' of new watermain to meet the WWS and abandon the intermediate tank/booster facilities.	1998	\$219,000
	M	C	190	Green Mountain Water Company	4300560 001	Drill a second well.	1998	\$19,000
	M	C	186	EAST OROSI C.S.D.	5401003 001	DRILL A SECOND WELL FOR FUTURE USE IF PRIMARY WELL IS SHUT OFF. OTHER - DESIGN AND CONSTRUCTION	1998	\$180,000
	M	C	180	KEELER COMMUNITY SERVICES DISTRICT	1400036 003	Construct new well	1998	\$195,000
	M	C	180	KEELER COMMUNITY SERVICES DISTRICT	1400036 004	Replace mainline	1998	\$125,000
	M	C	180	METTLER COUNTY WATER DISTRICT	1500401 001	DRILL NEW WELL AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	M	C	180	KEELER COMMUNITY SERVICES DISTRICT	1400036 002	Construct new 150k tank	1998	\$125,000
	M	C	175	OAK GLEN DOMESTIC WATER	3600185 001	Replace mainline	1998	\$200,000
	M	C	170	FOOTHILL LONE PINE MOBILE HOME PARK, LLC	1400037 001	Construct new well and tank	1998	\$48,000
	M	C	170	Michele Mutual Water Company	4900552 001	Replace mains and upgrade hardware in the process: 40,000 gal redwood tank, approx. 7,400 feet of mains, wells and pumps as required.	1998	\$190,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	170	OAKLEY MUTUAL WATER COMPANY	0706004 001	replace as necessary.	1999	\$100,000
	M	C	170	OAKLEY MUTUAL WATER COMPANY	0706004 002	Replace pump #2 Well and pressure system	2003	\$40,000
	M	C	170	Harbin Hot Springs	1700511 001	Replace old galvanized pipe and install new 100,000 gallon storage tank.	2003	\$300,000
	M	C	166	STRUVE RD WS #02	2700772 001	Build storage tanks and take measures for well head protection. These projects would involve study, design, and construction.	1998	\$50,000
	M	C	166	ISOT Well #3 & #15	2500911 003	Consolidate existing water systems into one system, which will loop the distribution lines and provide the reliability required by the Waterworks Standards.	1998	\$45,000
	M	C	166	ISOT Well #3 & #15	2500911 002	Installation of an elevated storage tank and an enlarged pumping station to provide the reliability required by the Waterworks Standards.	1998	\$250,000
	M	C	162	LAGUNA SECA WC	2700612 001	Install disinfection equipment. Upgrade storage and distribution lines.	1998	\$55,000
	M	C	160	PINYON PINES COUNTY WATER DISTRICT	3301512 001	Replace substandard mains.	1998	\$75,000
	M	C	150	SIERRA BREEZE MUTUAL WATER COMPANY	1500447 001	TREATMENT SYSTEM FOR NITRATES; REPLACE DISTRIBUTION LINES. OTHER - DESIGN, STUDY AND CONSTRUCTION	1998	\$300,000
	M	C	150	VOLTA COMMUNITY SD	2400201 001	DRILL NEW WELL AND PROVIDE GENERATOR.	1998	\$50,000
	M	C	150	RITE OF PASSAGE/SIERRA RIDGE	0500091 001	REPLACE DISTRIBUTION SYSTEM.	1998	\$73,000
	M	C	150	BSA/CAMP MIRIMICHI	1000159 001	DRILL A WELL.	1998	\$22,000
	M	C	150	STRAWBERRY COOP WS #6	2700766 001	Replace holding tank and remove existing tank.	1998	\$12,240
	M	C	150	ABERDEEN RESORT	1400020 001	Replace mainline and loop system	1998	\$105,000
	M	C	150	CAMP WILLIAMS	1900529 001	RETAIN SERVICES OF REQUIRED PERSONNEL TO DO REPAIRS.	1998	\$6,874
	M	C	150	GARRAPATA WC INC	2701257 001	Install new piping (supported in areas with steel beams in concrete), fencing, pumps, meters, storage tanks, and a new well.	1998	\$124,900
	M	C	150	ACAMPO WATER SYSTEM	3901303 001	REPLACE WELL 2 WITH NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	M	C	150	Delta Conservation Camp	4810801 001	Need new storage tank.	1999	\$45,000
	M	C	150	STRAWBERRY COOP WS #6	2700766 002	Replace existing tank or tanks with new tank and new cement pad.	2000	\$12,000
	M	C	150	STRAWBERRY COOP WS #6	2700766 003	Need a cement slab at well to prevent contamination. Need new 15,000 gallon tank.	2001	\$15,000
	M	C	150	PONDEROSA C.S.D.	5400934 001	Replace 210,000 gallon storage tank	2001	\$150,000
	M	C	150	Austin Creek Mutual (Springhill)	4900630 001		2003	\$5,000
	M	C	147	HOWELL'S LAKESIDE WATER CO.	5200007 001	Install new tanks, upgrade pumps, clean wells and install plumbing.	1998	\$100,000
	M	C	146	GAYLA MANOR PWS	3900563 001	REPLACE EXISTING WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	145	Lake County CSA 16 - Paradise Valley	1700516 001	Conduct capacity analysis and develop master plan, study possibility of consolidation with Kono Tayee water system.	1998	\$100,000
	M	C	145	Lake County CSA 16 - Paradise Valley	1700516 002	Consolidate with Kono Tayee water system with 800 ft connection line.	1998	\$250,000
	M	C	141	AVWC - GRAND OAKS WATER CO.	1500374 001	DRILL AND EQUIP NEW WELL AND INSTALL ADDITIONAL STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	1998	\$200,000
	M	C	135	DONEY STREET NEIGHBORHOOD ASSOC.	1500284 001	CONSOLIDATE SYSTEM WITH EAST NILES & REFINANCE EXISTING DEBT. OTHER - REFIANCE, DESIGN & CONSTRUCTION	1998	\$400,000
	M	C	135	AWA La Mel Heights #3	0310019 001	DRILL A SECOND WELL AND REPLACE THE TANK WITH A LARGER, NEW ONE. OTHER = DESIGN AND CONSTRUCTION.	2002	\$175,000
	M	C	130	WILLOW PASS MOBILE HOME PARK	0707624 001	New system, replace pipes, storage tank, pump, install filtration to improve water quality.	1998	\$200,000
	M	C	130	BIRCHIM COMMUNITY SERVICE	2600501 001	Replace mainline	1998	\$250,000
	M	C	130	ARROYO CENTER WC	2701658 001	Replacement of distribution system facilities, e.g. pipes, valves	2000	\$30,000
	M	C	130	WILLOW PASS MOBILE HOME PARK	0707624 002	Install filtration system and new piping.	2000	\$200,000
	M	C	130	ARROYO CENTER WC	2701658 002	Add about 40,000 gallons of storage	2000	\$30,000
	M	C	130	AERIAL ACRES WATER SYSTEM	1500405 002	Install from Ave. A to Ave. B (~675 ft.) & along length of Ave. B (~2625 ft.) of 6-inch, class 150, C-900 pipe with tracer wire to replace existing transite lines (~3,300 ft. total), installation of 6-inch & 4-inch gate valves along Ave. B, 4-inch pipe	2003	\$50,000
	M	C	129	Timber Cove County Water District	4900584 006	Connect to timber Cove WD system via pumping stations and new water main up to Timber Cove Road.	1998	\$250,000
	M	C	129	Timber Cove County Water District	4900584 004	Install new larger water mains.	1999	\$100,000
	M	C	129	Timber Cove County Water District	4900584 005	Replace undersized asbestos cement pipes with properly sized pipes.	1999	\$45,000
	M	C	129	Timber Cove County Water District	4900584 003	Larger pressure tank and system for area affected.	2000	\$75,000
	M	C	126	PRINCES CAMP RESORT	2701355 001	Replace pipes and pump.	1998	\$28,673
	M	C	125	BEAR CREEK HOUSING COMMUNITY	2400152 001	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM AND CONSTRUCT A NEW WELL SO THAT THE PLANADA CSD HAS SUFFICIENT SOURCE CAPACITY TO SUPPLY THE SYSTEM.	1998	\$500,000
	M	C	125	Lake Canyon Mutual Water Company	4300522 002	Replace distribution lines.	1998	\$94,000
	M	C	125	EMIGRANT GAP MUTUAL WATER CO.	3103310 002	Drill an additional well and connect to existing storage tanks several feet away.	2000	\$15,000
	M	C	125	MINERAL HOMEOWNER'S ASSN	5200585 001	Replace distribution system pipes.	2000	\$300,000
	M	C	120	CLEMENTS WATER WORKS #43	3900504 001	DRILL SECOND WELL AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	120	LAKESHORE HEIGHTS MUTUAL WATER	4500014 001	Install a 250,000 gallon storage tank and all plumbing for operation to provide the reliability required by the Waterworks Standards.	1998	\$250,000
	M	C	120	TAHOMA MEADOWS WATER CO.	3100033 001	Repair or replace the tank.	1999	\$75,000
	M	C	120	WOODSON BRIDGE ESTATES	5200551 001	Build a water tower for storage.	1999	\$0
	M	C	120	WOODSON BRIDGE ESTATES	5200551 002	Construct new lines.	2000	\$250,000
	M	C	120	SIERRA KING HOMEOWNERS ASSN.	5400940 001	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	2001	\$25,000
	M	C	120	SKY RANCH WATER SYSTEM	5200562 002	New holding tank 100,000 gal. Lay new piping system, alternate pump, alternate energy source for power.	2001	\$200,000
	M	C	115	DARWIN COMMUNITY SERVICES DISTRICT	1400098 004	Construct new tank	1998	\$200,000
	M	C	112	HI DESERT MWC	3600123 001	Construct new hydro tank	1998	\$38,000
	M	C	110	BIG PINE CARE CENTER	1400062 002	Construct new distribution system	1998	\$75,000
	M	C	110	BIG PINE CARE CENTER	1400062 001	Construct new tank	1998	\$7,500
	M	C	110	BIG PINE CARE CENTER	1400062 003	Construct two replacement wells	1998	\$14,000
	M	C	110	Kelly Mutual Water Company	4900560 001	Replace distribution mains, hydrants, pressure tanks.	1998	\$200,000
	M	C	110	Pine Flat Water Company	5410034 001	INSTALL NEW WELLS AND STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
	M	C	110	Plaza Mobile Home Park	4900787 001	Activate 2nd existing nonoperational well by installing new pumps and chlorination system and enclose.	1998	\$2,000
	M	C	110	MAURLAND MANOR WATER SYSTEM	3900543 001	INSTALL PRESSURE TANK, REPLACE LINES WITH LARGER PIPES AND CONSOLIDATE WITH SYWSTEM 3901348. OTHER = DESIGN AND CONSTRUCTION	1998	\$400,000
	M	C	110	Plaza Mobile Home Park	4900787 002	Activate second existing non-operating well by installing new pump, chlorination system, and enclosure.	2000	\$5,000
	M	C	108	HOLLY HILLS MWC	2701789 001	New pumping station, new well, and increase storage.	1998	\$150,000
	M	C	108	LOMA MAR MUTUAL	4100512 001	Engineer and design new treatment system.	1998	\$18,000
	M	C	108	LOMA MAR MUTUAL	4100512 004	Enlarge system storage and reserve.	1998	\$100,000
	M	C	108	LOMA MAR MUTUAL	4100512 005	Install and construct new system piping	1998	\$400,000
	M	C	105	Spaulding/Eagle Lake MWC	1800534 001	Replace 2-inch pipes with 6-inch pipes throughout the water system.	2001	\$125,000
	M	C	103	TUD-PHOENIX LAKE PARK	5510025 001	INTERCONNECT TO THE ADJACENT SCENIC VIEW WATER SYSTEM.	1999	\$36,000
	M	C	100	SANDY CREEK VILLAGE MHP	1000260 001	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	1998	\$15,000
	M	C	100	GOLD BEACH PARK	0900102 001	Needs second well and additonal storage to meet demands reliably.	1998	\$0
	M	C	100	Johnsville Public U.D.	3200505 001	Water available above present springs and dam. Construct 300 to 400 feet of pipeline.	1998	\$100,000
	M	C	100	Harding Water Users	3000515 001	REPLACE TANK AND PIPES . TANK IS LEAKING.	1998	\$15,032



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	100	OASIS PARK MOBILE HOME PARK	1900677 001	REPLACE OLD GALVANIZED PIPES WITH PLASTIC PIPES	1998	\$60,000
	M	C	100	Barts Mutual Water Company	4900843 001	Crill new well. Install new storage tank. Upgrade existing tanks or main pipeline. Upgrade existing controls and valves. Construct control station facility and chlorination system.	1998	\$723,000
	M	C	100	CASCADE RACQUET CLUB MUTUAL WATER	4500012 001	Construct hydropneumatic storage tank; build larger pumping facility with standby generator to provide reliability required by the Waterworks Standards.	1998	\$40,000
	M	C	100	LAKESHORE VILLA MUTUAL WATER CO	4500008 001	Purchase generator compatible with 3 stage electrical system and build a structure to house generator to provide the reliability required by the Waterworks Standards.	1998	\$20,000
	M	C	100	Arrowhead Cooperative Company	4300504 001	Run new 10-inch mains from SJWC to all streets. Abandon existing system. The study and design has already been done by SJWC.	1998	\$1,642,632
	M	C	100	Feather River RV and MHP	3200148 001	Shut down entire system and install pipes where needed and valves where necessary.	1999	\$15,000
	M	C	100	MIRA MONTE WATER CO.	5200560 001	Construct new well for water system.	1999	\$30,000
	M	C	100	OAKHURST MOBILE HOME ESTATES	2000593 001	Install a backup power unit.	2000	\$800
	M	C	100	MARTINS BEACH WATER SYSTEM	4100515 001	Modernize the existing purification system.	2001	\$50,000
	M	C	100	Elk County Water District	2300514 001	Replace distribution system with new mains.	2002	\$650,000
	M	C	100	Magic Mountain Mutual Water Company	4900637 001	Replace mainlines and new tanks	2002	\$650,000
	M	C	100	Arrowhead Cooperative Company	4300504 002	Install new (distribution system) mains from San Jose Water Company and abandon current system.	2002	\$1,200,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013 005	new generators	2004	\$75,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013 006	new tank	2004	\$230,000
	M	C	100	MERRY MOUNTAIN MUTUAL	0400013 004	new well, pump, and tank	2004	\$300,000
	M	C	99	BERRY CREEK COMMUNITY SER DIST	0400016 001	Replace distribution system main piping.	1998	\$50,000
	M	C	99	DUNROVIN MOBILE HOME VILLAGE	0500068 001	INSTALL GENERATOR AND SMALL BACK-UP PUMP	1998	\$20,000
	M	C	98	CORRAL HOLLOW PWS	3900702 001	CONSTRUCT PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCITON	1998	\$300,000
	M	C	95	TICO MUTUAL WATER CO	5601122 003	Install a new well supply line	1998	\$50,000
	M	C	95	TICO MUTUAL WATER CO	5601122 001	Add a pressurized 8,000 gallon storage facility to the system immediately downstream of the current main tank.	1999	\$35,000
	M	C	95	TICO MUTUAL WATER CO	5601122 002	Provide chlorination treatment facilities for both wells.	1999	\$15,000
	M	C	95	WESTERNER MOBILE HOME PARK	3400331 001	Consolidation.	2000	\$50,000
	M	C	95	WESTERNER MOBILE HOME PARK	3400331 002	Hook up to public water supply, City of Sacramento	2001	\$30,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	95	SUNRISE TRAILER PARK	4800512 001	Purchase water and consolidate with the City of Vacaville	2001	\$100,000
	M	C	95	SUNRISE TRAILER PARK	4800512 002	Purchase and install new 2" metered service connection to City of Vacaville water system.	2002	\$100,000
	M	C	90	MESA DEL TORO MWC	2701503 001	Replace storage tanks and water lines. Install a chlorination system.	1998	\$10,000
	M	C	90	Lake View Mutual Water Co.	2300606 002	Install readily accessible shut-off valves so system components can be isolated.	1998	\$3,500
	M	C	90	SIERRA VILLAGE TRAILER PARK	5500353 001	CONSTRUCT AN ADDITIONAL WELL AND INSTALL A 20,000 GALLON STORAGE TANK.	1998	\$48,000
	M	C	90	SIERRA VILLAGE TRAILER PARK	5500353 002	Install storage and water lines.	2001	\$75,000
	M	C	88	Lake County CSA 22 - Mt. Hannah	1700563 002	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	1998	\$100,000
	M	C	87	CREEKSIDE VILLAGE WATER SYSTEM	3100052 001	Connect to PCWA. Involves Construction and other.	1998	\$130,000
	M	C	85	TULARCITOS MUTUAL WATER COMPANY	2701800 001	Drill second well adjacent to our #1 well. Also, put in new pump and motor.	1998	\$35,000
	M	C	85	SIERRA TWAIN HARTE MOBILE PARK	5500096 001	CONSTRUCT AN ADDITIONAL WELL.	1999	\$25,000
	M	C	84	LAZY CORRAL MOBILE HOME PARK	5200516 001	Re-plumb to City water system.	1998	\$380,200
	M	C	84	LAZY CORRAL MOBILE HOME PARK	5200516 002	Connect to Corning City Water System	2000	\$180,000
	M	C	83	LAZY H MUTUAL WATER CO.	3700937 001	Replace 11250' mains and laterals with 8" and 4" C900 pipe, upgrade service connections.	1998	\$213,500
	M	C	80	Bel Arbres Mutual Water Company	2300608 003	Install 18 backflow devices.	1998	\$10,000
	M	C	80	Bel Arbres Mutual Water Company	2300608 002	Install clean out valve and two shut-off valves.	1998	\$4,000
	M	C	80	Bel Arbres Mutual Water Company	2300608 001	Install 10,000 gal tank with ozone purifier and additional booster pump.	1999	\$15,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 002	Replace circuits and service lines	2000	\$5,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 003	Construct new storage tank	2000	\$50,000
	M	C	80	NEW AUBERRY WATER ASSOCIATION	1000063 001	Construct Two new wells	2000	\$20,000
	M	C	80	ELMS MOBILE PARK	3301247 001	Upgrade/replace well pump, build protective structure (steel building), enlarge storage tanks. (System has one well & 5,000 gal corrugated storage tank serving 50 connections. City of Indio has water main in adjacent street for emergency connection if nee	2001	\$40,000
	M	C	79	Clio Public U.D.	3200509 001	Construct new 150,000 gallon storage tank. Replace 6,580 feet of 6" water main.	1998	\$528,500
	M	C	79	H & J WATER COMPANY	3700073 003	Install four-inch diameter mains.	2002	\$21,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	78	Austin Acres Mutual Water Company	4900620 001		2003	\$5,000
	M	C	75	SIERRA PINES MOBILE HOME PARK	0202522 002	New pump and pressure system using larger storage tank.	1998	\$50,000
	M	C	75	WILLO GLEN MUTUAL WATER COMPANY	3100573 001	Hook up to available PCWA with main meter. Install individual water meters at each existing connection.	1998	\$40,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 003	UPGRADE TO A NEW 5,000 + GAL. TANK AND UPGRADE BOOSTER PUMP.	1998	\$13,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 002	SITE PREPARATION, PURCHASE, AND INSTALLATION OF A NEW 20,000 GAL. OR TWO 10,000 GAL. STORAGE TANKS.	1998	\$16,000
	M	C	75	TRAILS END MUTUAL WATER COMPANY	3301682 001	We were donated much larger tank in very good shape. We need money to contract out the assembly of our new tank.	1998	\$20,000
	M	C	75	SIERRA PINES MOBILE HOME PARK	0202522 001	Install larger tank and larger pump.	1998	\$50,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 001	DRILL A NEW WELL	1998	\$39,000
	M	C	75	SIERRA ESTATES MUTUAL WATER CORPORATION	2900548 001	Install new well and install float-pressure switch for tank.	1998	\$4,000
	M	C	75	Oak Valley Acres P.O.A.	4700638 001	Purchase and install a new booster pump and recondition the existing pump and use it for a backup.	1998	\$2,500
	M	C	75	Oak Valley Acres P.O.A.	4700638 002	Install new, higher capacity well pump and two new 5,000 gallon storage tanks.	1998	\$13,000
	M	C	75	REDWOOD TERRACE MUTUAL	4100510 001	Replace and upgrade piping, filtration pump capacity and dig another well.	1998	\$120,000
	M	C	75	WILSONA GARDENS MUTUAL	1900155 004	DESIGN AND CONSTRUCT A NEW DISTRIBUTION SYSTEM COVERING APPROXIMATELY 163 ACRES.	1999	\$50,000
	M	C	75	MOUNTAIN SPRINGS WATER COMPANY	1500540 002	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	2000	\$220,000
	M	C	72	MCCOY RD WS #5	2701040 001	Install tanks holding approx. 30,000 gallons and new pumping station. Install main lines from holding tanks with fire hydrants on new distribution lines.	1998	\$150,000
	M	C	72	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 001	From 4" to 6" main line pipes. Existing system installed in 1959.	1999	\$300,000
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023 002	Install chain link fence around pumping/disinfection and remote storage facilities to provide the protection required by the Waterworks Standards.	1999	\$5,000
	M	C	72	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 003	Replace approximately 1500 feet of the distribution system water line.	2001	\$81,693
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023 004	Replace disinfection tank to provide the reliability required by the Waterworks Standards.	2001	\$6,500
	M	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023 005	Replace storage tank to provide the reliability required by the Waterworks Standards.	2002	\$65,000
	M	C	70	COUNTRYSIDE ESTATES MWC	2702374 001	Install water meters. Build fence around storage tanks.	1998	\$4,500

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	70	COUNTRY AIR MOBILE HOME PARK	5800823	001 Upgrade current system to ensure adequate safe supply.	1998	\$8,000
	M	C	70	WILLOWBANK CLUB INC	5700549	001 Install new well, new distribution system, and increase water supply and flow.	1998	\$600,000
	M	C	70	APPLE AVE WS #02	2701034	001 Replace sections of the distribution system which may contain the contamination.	1999	\$50,000
	M	C	70	LUNDY MUTUAL WATER COMPANY 1	2600532	001 Refinance loan, construct new tank and well, purchase generator and other equipment	1999	\$500,000
	M	C	70	NORTH LONE PINE WATER DISTRICT	1400072	001 Construct new distribution system	1999	\$40,000
	M	C	70	TWIN PINES BOYS RANCH	3301690	001 Install a above ground tank and new service lines. Install back-up well.	2002	\$90,000
	M	C	70	Callahan Water District	4700503	002 Construct new storage tank and install new water mains.	2002	\$650,000
	M	C	69	GARLEN COURT WS	2700686	001 Design and construct a new roof and make other necessary repairs to the tank.	1998	\$15,000
	M	C	69	GARLEN COURT WS	2700686	003 Replace existing distribution lines.	1999	\$50,000
	M	C	68	Moore's Mooring	0800653	001 Hook up to City of Crescent City water system. Need to install pipe from Front Street to First street water area and backup valves.	1999	\$3,500
	M	C	68	Irish Beach Water District	2310012	001 Repair, patch, and repaint water storage tanks. Professional inspection of water system facilities to produce a water system master plan.	2002	\$150,000
	M	C	67	MORO COJO MWA	2700656	002 Storage tanks and wells need to be repaired and/or replaced.	1998	\$13,000
	M	C	67	MORO COJO MWA	2700656	001 Purchase two 7500 gallon water tanks.	1998	\$9,278
	M	C	66	LEAFWOOD COMMUNITY WA	2700624	001 Replace storage tank with a steel tank. Possibly add a chlorination system.	1998	\$35,000
	M	C	63	CHAMISAL MWC	3600071	001 Replace mainline and storage facilities	1998	\$100,000
	M	C	63	BRITE LAKE COMMUNITY ASSOCIATION	1500489	001 Replace 2000-3000 ft. of water line. Replace pump and well system	1998	\$30,000
	M	C	63	WEST END MUTUAL (WILLOW WELLS)	3600345	001 Construct new mainline and storage facilities	1998	\$340,000
	M	C	63	Placer CWA - Monte Vista	3110124	001 Install standby generator. Involves design and construction.	1999	\$30,000
	M	C	60	WEGIS WATER SYSTEM	1502600	001 Replace failing tankage w/larger storage tanks, install second distribution pump + associated piping, install new distribution piping + fire hydrant, eliminate dead leg. Other - Study/Design/Construction	1998	\$90,000
	M	C	60	INDIAN CREEK MOBILE HOME PARK	2000589	001 INSTALL A NEW PUMP AND STORAGE TANK, AND A TREATMENT SYSTEM.	1998	\$15,000
	M	C	60	BLACKIE RD WS #18	2702094	001 Install all of the above.	1998	\$35,000
	M	C	60	BEND MOBILEHOME & RV PARK	5200512	001 Solve problem with treatment (chlorination).	1998	\$40,000
	M	C	60	MCARTHUR MOBILEHOME PARK	4500084	001 Install additional well, storage tanks and pumps to provide the reliability required by the Waterworks Standards.	1998	\$50,000
	M	C	60	ELKHORN WS #4	2700579	001 Replace pipes with new material which is up to standard.	1999	\$21,500
	M	C	60	ELKHORN WS #4	2700579	002 Replace tank.	1999	\$20,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	60	INDIAN CREEK MOBILE HOME PARK	2000589 002	Construct a new well and install storage.	2000	\$17,500
	M	C	57	TIERRA VISTA MWC	2701959 001	Drill a new well, and replace storage tanks and delivery system.	1999	\$80,000
	M	C	55	MILTON ROAD WATER COMPANY	2801080 001	Redesign, trench and lay new pipeline, laterals and valves.	1998	\$30,000
	M	C	55	DESMOND RD WS #3	2700547 002	The electrical panel, tanks, and some water lines all need to be replaced. The application says the project only involves design, but it seems like it would also involve construction.	1998	\$30,000
	M	C	55	Big Lagoon Subdivision	1200592 001	Purchase water system; overhaul electrical system; and add a generator to ensure continuous water delivery.	1998	\$100,000
	M	C	55	Sonoma County CSA 41-Freestone	4900549 001	Replace the old 50,000 gal tank with new steel or redwood 50,000 gal tank.	1998	\$80,000
	M	C	53	Venture Estates MWC	3500552 001	Construct a pipeline to connect to Sunnyslope water system.	1998	\$60,000
	M	C	52	CEDAR CREEK MOBILEHOME PARK	4500063 001	Drill two wells and install pressure tanks and distribution lines to provide the reliability required by the Waterworks Standards.	1998	\$15,000
	M	C	50	MARINA VIEW HEIGHTS MD #7	2000551 001	INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$100,000
	M	C	50	MORNING SKY SCHOOL	3301947 001	Replacement of failing equipment and outfitting of alternate well.	1998	\$10,000
	M	C	50	SUNSET RIDGE ESTATES DIST #40	2000851 001	INSTALL A NEW WELL, 50,000 GALLON STORAGE TANK, AND DISTRIBUTION SYSTEM.	1998	\$200,000
	M	C	50	SACRAMENTO CO BOY'S RANCH	3400182 001	Construct a new 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	M	C	50	CHETMOORE ACRES WA	2700634 001	Install new water mains and two new 20,000 gallon storage tanks	1998	\$50,000
	M	C	50	DESERT VIEW TRAILER PARK	3301209 001	None listed	1998	\$0
	M	C	50	COLORADO MUTUAL	1900801 001	UPDATE PUMP TO A 10 HP PUMP AND INSTALL AN AIR PRESSURE PUMP AND VARIOUS ELECTRICAL TO ACCOMMODATE CHANGE	1998	\$4,000
	M	C	50	SACRAMENTO CO BOY'S RANCH	3400182 002	Construct a new 150 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000
	M	C	50	MANTECA INDUSTRIAL PRK CSA-30	3901322 001	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
	M	C	50	Aborn Heights Water Mutual Association	4300792 001	Replace existing water tank. Pressurize entire system. Upgrade chlorine injection system.	1998	\$150,000
	M	C	48	PARADISE RD WS #21	2701633 001	Recoat tank, repair back-up well, and install water treatment system.	1998	\$10,000
	M	C	48	MINERAL MOUNTAIN MUTUAL WATER	0500019 002	REPLACE THIN WALL PVC LINES WITH SCHEDULE 40 PVC	1999	\$9,700
	M	C	48	RANCHO CHAPPERAL MWC	2701278 003	Conduct assessment to determine storage requirements, and design/construct tank, pump, fittings, and plumbing	2000	\$50,000
	M	C	45	CORRAL DE TIERRA ESTATES WC	2700536 004	Install above.	1998	\$5,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	45	CORRAL DE TIERRA ESTATES WC	2700536 002	Repair or replace inoperable valves throughout the system.	1998	\$10,000
	M	C	45	MEADOW LAKE APARTMENTS	1400511 001	Drill additional well	1998	\$14,500
	M	C	45	OUTLOOK WATER ASSN	2700622 001	Replace existing tanks with two concrete tanks and replace water mains, misc. plumbing, etc.	1998	\$24,773
	M	C	45	NORTH EDEN VALLEY	3100019 001	Construct an additional well to 400 ft. Add additonal 20,000 gallons of storage capacity.	1999	\$45,000
	M	C	45	Pine Grove Trailer Park	0800800 001	Hook up to City of Crescent City water system.	2000	\$20,000
	M	C	43	Smith Creek Mutual Water Co.	3200086 001	Hire contractor to remove sand deposits, sandblast and recoat interior, repair support columns and paint exterior of tank.	1998	\$10,000
	M	C	41	TUCKER OAKS EAST WATER SYSTEM	4500303 001	Add metered chemical to water supply at the well head to raise pH to 8.0 or above and thereby eliminate corrosivity and provide the reliability required by the Waterworks Standards.	1998	\$20,000
	M	C	41	TUCKER OAKS EAST WATER SYSTEM	4500303 003	Install a second pump in the well casing in order to work in tandem with the existing pump and serve as a backup in the event of the failure of one pump to provide the reliability required by the Waterworks Standards.	1998	\$12,000
	M	C	40	MORAGA HGTS MUTUAL WATER CO	0707585 001	Replace system, expand filtration and develop further resources.	1998	\$75,000
	M	C	40	DEL SOL WATER CO-OP	1502597 001	Replace the old storage tanks w/ new polyvinyl tanks.	1998	\$7,000
	M	C	40	JAMES WATER SYSTEM	1500462 001	possible water treatment or drill additional wells	1998	\$70,000
	M	C	40	KEOUGH'S HOT SPRINGS	1400034 002	Construct new well and tank	1998	\$41,500
	M	C	40	KEOUGH'S HOT SPRINGS	1400034 003	Construct new well and tank	1998	\$50,000
	M	C	40	Grizzly Lake RID-Crocker/Welch	3200107 002	Drill new well. Install 200,000 gallon storage tank. Install four new valves.	1998	\$204,000
	M	C	40	KEOUGH'S HOT SPRINGS	1400034 001	Construct new distribution system	1998	\$75,000
	M	C	40	MOUNTAIN VILLAGE HOMEOWNER'S	0400090 001	Construction of a new 20,000 gallon water storage system using polyethylene tanks.	1998	\$18,000
	M	C	40	Shasta View Heights Owners Association	4700630 001	Determine if well has been damaged by flood. If so, drill new well. If not, install new transmission line connecting well to system.	1998	\$60,000
	M	C	40	BAUMANN WS #1	2700842 001	Replace holding tank, construct new line to the pump, and replace pressure tank.	1999	\$4,500
	M	C	39	Bucktail Mutual Water Company	5301001 001	Construct new concrete block cover for in-ground reservoir	1998	\$10,000
	M	C	37	MIAMI CREEK KNOLLS DIST #43	2000557 001	CONSTRUCT A NEW DISTRIBUTION SYSTEM AND A 50,000 GALLON STORAGE TANK.	1998	\$250,000
	M	C	35	LINDA FALLS TERRACE MUTUAL	2800527 001	Replace tank with new tank.	1999	\$10,000
	M	C	35	DAVENPORT MUTUAL WATER SYSTEM	1502650 001	Consolidation with Rosamond CSD. Enclosed is estimated cost of replacement of water system plus cost of financing fees os all sorts	2003	\$68,000
	M	C	32	ORCHARD LN WS #2	2700669 001	Need to drill new well.	1998	\$40,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	31	NORTHWOODS MUTUAL WATER SYSTEM	0400003 002	Construct a new roof over 18,000 gallon in ground reservoir.	1998	\$10,000
	M	C	29	HIDDEN VALLEY TRAILER PARK, INC	5500127 001	CONNECT TO PUBLIC WATER SUPPLY. OTHER -DESIGN AND CONSTRUCTION	1998	\$65,000
	M	C	28	RANCHO SECO INC. WATER SYSTEM	1500327 001	CONSTRUCT A NEW SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
	M	C	28	SIERRA NORTH COMMUNITY SERVICES DISTRICT	1400109 001	Construct new well and tank	1999	\$25,000
	M	C	25	BUZZTAIL MUTUAL WATER COMPANY	0400091 002	Construct a new 63,000 gallon storage tank.	1998	\$35,000
	M	C	25	Cedar Lodge Resort	2210900 001	INSTALL ADDITIONAL WELLS OR A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM THE MERCED RIVER.	1998	\$200,000
	M	C	25	Russian River Mutual	4900665 001	Replace transmission lines, increase storage, and install treatment.	1999	\$75,000
	M	C	20	Massini Mutual Water Company	4900706 001	Install remote telemetry for continuous control and alarm status. Two of the three tanks will be replaced with larger steel tanks. An ozone generator will be installed at the well site to oxidize iron and disinfect the water.	1998	\$250,000
	M	C	10	ACWA Buckhorn Plant	0310012 002	CONSTRUCT TREATED WATER STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	2001	\$850,000
	M	C	9	Clearwater Mutual Water Company	1700546 001	Replace storage tanks with larger tanks and make treatment plant improvements or replace treatment plant.	1998	\$100,000
	M	C	0	COVINA IRRIGATION CO.	1910128 001	REPLACE ENTIRE SECTION ALONG THE PUBLIC RIGHT OF WAY	1998	\$800,000
	M	C	0	COVINA IRRIGATION CO.	1910128 005	BUILD A NITRATE TREATMENT AND BRINE DISPOSAL FACILITY TO TREAT MORE THAN ONE WELL AT THE FACILITY	1998	\$4,000,000
	M	C	0	COVINA IRRIGATION CO.	1910128 003	DETERMINE COURSE OF ACTION ( ie. ENCASE OR REROUTE CONDUIT; DESIGN AND CONSTRUCT)	1998	\$5,000,000
	M	C	0	METROPOLITAN WATER DIST. OF SO. CAL.	1910087 003	Design and construct a new outlet tower near the shoreline.	1998	165,000,000
	M	C	0	CASTAIC LAKE WATER AGENCY	1910048 004	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE SOUTHERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	\$3,500,000
	M	C	0	COVINA IRRIGATION CO.	1910128 004	REROUTE FLOW THROUGH AN ENCLOSED GRAVITY PIPELINE	1998	\$3,000,000
	M	C	0	CASTAIC LAKE WATER AGENCY	1910048 003	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE EASTERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	1998	\$20,000,000
	M	C	0	San Diego County Water Authority	3710042 003	Design and construction of a pump station and 12 mile pipeline from San Vicente Reservoir to the second aqueduct.	1998	146,600,000
	M	C	0	Santa Clara Valley Water District	4310027 001	Replacement of the filter underdrain system with cast-in-place, monolithic, false floor, air/water nozzle system.	1998	\$2,010,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 004	Install one 60" valve.	1998	\$200,000
	M	C	0	San Diego County Water Authority	3710042 002	A 3.8 mile pipeline and pump station from the Olivenhain Reservoir to the San Diego County Water Authority's second aqueduct	1998	\$23,300,000
	M	C	0	West End Consolidated Water Company	3610086 001	Replumb pumping lines from wells to booster station, install new reservoir and control valve at booster station	2000	\$275,000
	M	P	5100	Mather Field Water System	3410706 005	Replace distribution system deficient valves and hydrants.	1998	\$175,000
	M	P	5100	Mather Field Water System	3410706 004	Retrofit for adequate backflow protection.	1998	\$230,000
	M	P	5100	Mather Field Water System	3410706 001	Perform an engineering study to identify replacement sources for wells abandoned because of contamination.	1998	\$50,000
	M	P	5100	Mather Field Water System	3410706 002	Replace undersized and aging distribution main.	1998	\$2,500,000
	M	P	4000	COLLEGE OF THE DESERT	3301155 001	Install new.	2000	\$900,000
	M	P	2200	Inland Valley Development Agency-Norton	3610704 006	Replace booster facility	1998	\$150,000
	M	P	2025	CVUSD, CV HIGH SCHOOL	3301149 001	Abandon the wells and connect water lines to City of Coachella water (attached proposal	1998	\$250,000
	M	P	2000	EISENHOWER MED. CENTER, BLDG & GRDS	3301238 001	Planning on erecting above ground steel tank - small pumping station.	1998	\$50,000
	M	P	1925	APTOS HIGH SCHOOL	4400750 001	Replace two storage tanks and tank pads. Construct a 450 foot well. Construct an underground "vault" which completely encloses the submersible well-pump apparatus.	1998	\$400,000
	M	P	1500	MENLO SCHOOL	4100517 002	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
	M	P	1500	MENLO SCHOOL	4100517 001	Study by professional engineering firm to determine possible solutions is being conducted.	1998	\$300,000
	M	P	1000	SACRAMENTO CO BRANCH CENTER	3400180 001	Construct 500,000 g water storage tank with a 1,500 gpm booster station facility. Involves design and construction.	1998	\$500,000
	M	P	1000	WASHINGTON UNION HIGH SCHOOL	1000221 001	Upgrade distribution system to eliminate cross-connections, construct new wells & replace distribution lines.	2001	\$255,000
	M	P	900	PIONEER SCHOOL (HEALTH)	0900111 001	Create additional source (another well). Install new holding tank and storage system. Involves design and construction;	1998	\$35,000
	M	P	790	SALSIPUEDES ELEMENTARY	4400757 001	Replace storage tank and construct structure to enclose tanks. Construct an enclosure to surround the well-pump. Replace all water lines.	1998	\$60,000
	M	P	625	GERBER UNION ELEM SCHOOL DIST	5200519 001	Drill new well and delivery system (including electric hookup).	1998	\$0
	M	P	595	CURTIS CREEK ELEMENTARY SCHOOL	5500152 002	INSTALL NEW WATERLINE REPLACEMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$60,000
	M	P	595	CURTIS CREEK ELEMENTARY SCHOOL	5500152 001	HOOK UP SCHOOL TO PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	2000	\$250,000
	M	P	500	KNOLL ENTERPRISES INC	3600504 001	Construct new wells or treatment facility	2002	\$500,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	P	400	PESCADERO HIGH SCHOOL	4100513 001	Feasibility study to consolidate with CSA 311 San Mateo County.	1998	\$15,000
	M	P	400	CLARKSBURG ELEM SCHOOL	5700509 001	Install 20,000 gallon tank.	1999	\$33,000
	M	P	350	DELTA HIGH SCHOOL	5700510 001	Intstall 20,000 gallon storage tank. Involves design and construction.	1998	\$35,000
	M	P	350	LASSEN VIEW SCHOOL	5200538 001	Obtain new chlorination system.	2001	\$10,000
	M	P	300	WALNUT GROVE ELEMENTARY SCHOOL	3400268 001	Install storage tank to increase storage capacity.	1999	\$50,000
	M	P	250	SIERRA VIEW SCHOOL	2000846 001	DEEPEN THE EXISTING WELL TO INCREASE ITS CAPACITY AND INSTALL A CHLORINATION SYSTEM.	1998	\$75,000
	M	P	250	RENAISSANCE HIGH SCHOOL	4400758 001	Replace two storage tanks and install two submersible well-pump motors. Construct a removable "shell" to surround the submersible well-pump.	1998	\$50,000
	M	P	200	DRY CREEK ELEMENTARY SCHOOL	3100077 001	Scope and analyze recommendations. Recase or redrill a well.	1998	\$25,000
	M	P	200	CALVARY BAPTIST CHURCH	1400017 001	Construct new well and tank	1998	\$40,000
	M	P	200	CALVARY BAPTIST CHURCH	1400017 002	Connect system to city water system	1998	\$25,000
	M	P	200	TECATE VISTA MUTUAL WATER COMPANY	3700953 001	Repair and replace existing deteriorating piping.	1998	\$10,000
	M	P	200	CAMP JONES GULCH	4100538 003	Drilling a new well and providing pumping stations and pipeline to move water approximately 1 mile.	2000	\$50,000
	M	P	180	DIAMOND VALLEY SCHOOL	0202501 001	Increase depth and capacity of wells and holding tanks for fire and pressure problem.	1998	\$35,000
	M	P	172	Capay Joint Union Elem. School	1100527 001	Improve waterline and install another 525 gallon tank in-line with the other one.	1998	\$5,200
	M	P	170	CLAY JOINT SCHOOL	1000315 001	DRILL A NEW WELL AND EQUIPT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	M	P	150	CALVARY CHURCH INC WS	2700703 001	Install seven tanks and 3000 feet of pipe.	1998	\$60,000
	M	P	150	PENN VALLEY SHOPPING CENTER WATER SYSTEM	2900532 001	Hook into the NID treated water system. Abandon the present well.	1998	\$140,000
	M	P	150	TEHAMA CO.-WALNUT ST. COMPLEX	5200005 001	See attached notes	2001	\$0
	M	P	140	ROUND VALLEY ELEMENTARY SCHOOL	1400019 002	Construct new well	1999	\$12,000
	M	P	140	MCHA ATWATER CENTER	2400110 001	Construct treatment system	2000	\$75,000
	M	P	134	Leggett Valley School	2300785 001	Well relocation, upgrade storage, better purification system.	1998	\$100,000
	M	P	130	IGO ONO SCHOOL	4500188 001	Remove and replace all pipes leading from storage tank into the old school building to provide the reliablity required by the Waterworks Standards.	1999	\$50,000
	M	P	125	CEDAR CREEK SCHOOL	4500169 001	Improve spring or drill a new well to provide the reliability required by the Waterworks Standards.	1998	\$60,000
	M	P	120	Devil's Garden Conserv. Camp	2510800 001	Drill a new well, install new tank and install new disinfection system, including building.	2000	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	P	115	SHAWS FLAT ELEMENTARY SCHOOL	5500107 001	CONSTRUCT A NEW WELL AND INSTALL A 15,000 GALLON STORAGE TANK.	1998	\$45,000
	M	P	110	CDF-Konocti Conservation Camp	1710800 001	Replace distribution system, isolate irrigation system for wastewater and replace hydrants.	1998	\$68,000
	M	P	100	SAN BENANCIO MIDDLE SCHOOL	2701227 001	The system would like to physically consolidate with Ambler Park Water Company.	1998	\$175,000
	M	P	100	Plumas County Fairgrounds	3200008 001	Complete hookup to East Quincy CSD.	1998	\$200,000
	M	P	100	MISSION UNION SCHOOL	2702317 001	General system upgrade.	1998	\$15,000
	M	P	100	LINDEN USD-GLENWOOD SCHOOL	3900756 001	DRILL NEW WELL AND INSTALL PUMP AND TANK	1999	\$45,000
	M	P	75	NEVADA UNION HIGH SCHOOL DISTRICT	2900601 001	New well filtration system and storage tank.	1998	\$19,000
	M	P	75	WHITMORE UNION ELEM SCHOOL	4500181 001	Install 125 gallon bladder tank on a steel frame to provide the pressure required by the Waterworks Standards.	1998	\$980
	M	P	55	PACIFIC VALLEY SCHOOL	2702254 001	Need to install new well, storage tank, and pipes.	1998	\$30,000
	M	P	50	MJUSD-Arlington Elem. School	2500513 001	Drill a new well into a different higher flow strata to provide the reliability required by the Waterworks Standards.	1998	\$17,345
	M	P	50	MJUSD-State Line School	2500515 001	Replace old pressure tank with modern bladder type tanks to provide the reliability required by the Waterworks Standards.	1999	\$9,050
	M	P	50	MANTON SCHOOL	5200532 001	Build a storage tank of about 30,000 gallons, and add new pipe for school.	2000	\$10,000
	M	P	40	DEEP SPRINGS COLLEGE	1400068 002	Replace distribution system piping	1998	\$60,000
	M	P	40	HARRISON RD WS #1	2700592 001	Replace storage tank.	1998	\$5,000
	M	P	40	Lake Perris SRA	3310302 004	Replace 23, 4" - 8" diameter main line valves. Project will include purchasing a powered valve exerciser.	1998	\$11,500
	M	P	40	Blythe - Airport	3301553 001	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	1998	\$5,000,000
	M	P	40	Lake Perris SRA	3310302 005	Design and Construct 1/2 MG reservoir as addition to existing system, connect to existing distribution system. Tank foundation will have seismic protection.	1998	\$350,000
	M	P	40	Jack Norton School	1200741 001	Replace entire roof on storage tank and repair infiltration gallery as necessary.	1998	\$3,000
	M	P	40	DEEP SPRINGS COLLEGE	1400068 001	Construct new tank	1998	\$30,000
	M	P	32	OLANCHA ELEMENTARY SCHOOL	1400042 001	Construct new distribution system and tank	1998	\$18,000
	M	P	30	LAWS TOWN WATER SYSTEM	1400102 001	Construct new well	1999	\$150,000
	M	P	30	LAWS TOWN WATER SYSTEM	1400102 002	Replace mainline	2000	\$30,000
	M	P	25	IMMACULATE HEART HERMITAGE WS	2702268 001	Construction of 3 new tanks.	1998	\$12,000
	M	P	25	BUTTONWOOD INDUSTRIAL PARK	4000763 001	Drill new well	2002	\$30,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	N	1E+07	GRIFFITH PARK	1907037	002 CONDUCT STUDY, DESIGN AND CONSTRUCTION TO SOLVE PROBLEMS.	1998	\$4,710,000
	M	N	5000	WILLOW SPRINGS RACEWAY	1502223	001 Bring electricity to water systems to replace generators	1998	100,000,000
	M	N	1000	CSP - Andrew Molera State Reserve	2710301	001 Dig up and relocate existing line away from river bank. Install monitoring equipment to improve inspection of the system.	1998	\$12,000
	M	N	600	CSP-Armstrong Redwoods State Reserve	4910306	001 Develop new well at north end of park to serve north day use area.	2000	\$85,000
	M	N	440	CAMP FRESNO WATER SYSTEM	1000170	001 REPLACE THE OLD EXISTING STEEL PIPE AND VALVING.	1998	\$110,000
	M	N	400	BSA/CAMP CHAWANAKEE	1000165	001 INSTALL A 60,000 GALLON STORAGE TANK AND PIPELINES.	1998	\$250,000
	M	N	400	CAMP TAWONGA	5500141	001 DRILL A SECOND WELL, ADD A 44,000 GALLON TANK, INSTALL CHLORINATION, LOOP THE SERVICE AREA.	1998	\$213,000
	M	N	312	LOWER LINE CREEK IMPRVMNT ASSN	1000080	001 CONSTRUCT NEW WELL(S).	1998	\$10,000
	M	N	300	JH Ranch	4700807	001 Have already installed storage tanks with own funds. Need to install piping and controls to connect tanks with existing water system.	1998	\$75,000
	M	N	280	SPRING CREEK TRACT ASSOCIATION	0900506	001 To replace the aging distribution system using larger pipe to increase flows for fire protection.	1998	\$685,000
	M	N	250	ZELLHOEFER WATER SYSTEM	1400097	003 Replace mainline, valves	1998	\$12,500
	M	N	250	ZELLHOEFER WATER SYSTEM	1400097	002 Replace mainline, valves	1998	\$18,600
	M	N	250	ZELLHOEFER WATER SYSTEM	1400097	005 Construct new well and tank	1998	\$44,600
	M	N	250	CSP - J.P. Burns Park	2710302	001 Replace and relocate tanks. Install security fence and monitoring equipment.	1998	\$24,000
	M	N	250	ZELLHOEFER WATER SYSTEM	1400097	001 Replace mainline, valves	1998	\$19,600
	M	N	250	ZELLHOEFER WATER SYSTEM	1400097	004 Replace well transmission line, storage tank	1998	\$34,800
	M	N	250	CHURCH OF GOD ASSN. OF NORTHERN CALIF.	2900567	001 Construction of an above ground metal tank.	1998	\$95,000
	M	N	250	REGIONAL LEARNING CENTER	5500171	001 INSTALL NEW TANKS AND HOOK-UP	1998	\$45,000
	M	N	250	DE BENNEVILLE PINES INC	3600534	001 Replace mainline	1999	\$245,000
	M	N	250	Sonoma County Parks-Memorial Beach	4901222	001 Replace well, distribution lines, water pumps, chlorinator renovation.	1999	\$110,000
	M	N	240	MALIBU CONSERVATION CAMP	1900994	002 REPLACE FRESH POTABLE WATER SYSTEM WITH NEW LINES AND CONNECTIONS	1998	\$800,000
	M	N	201	LEAPING LIZZARD RV RANCH	3700001	001 Rehabilitate well #2, add new pump, storage tank, transmission line to connect systems	1998	\$7,200
	M	N	200	CYPRESS COMMUNITY CHURCH	2702030	001 Remove old tank, replace with a new one, and add an additional tank along with necessary water lines.	1998	\$15,000
	M	N	200	SAN JOSE FAMILY CAMP	5500145	001 DEEPEN THE EXISTING WELL BY 200 FEET, REPLACE AGING GALVANIZED LINES TO TANKS, AND ADD A NEW 10,000 GALLON TANK.	1998	\$40,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	N	200	Sonoma County Parks-Stillwater Cove	4901207 001	Replace well, distribution lines, water pumps, chlorinator and tanks.	1999	\$125,000
	M	N	200	NEVADA IRRIGATION DISTRICT/GREENHORN	2900577 001	Connect campground to potable system from Loma Rica.	2003	\$500,000
	M	N	178	SWEETBRIAR CAMP	4500237 001	Relocate dam. Install a liner inside the pre-filter box. Install 2 to 4 additional 5,400 gallon water storage tanks and a shed over the tanks. Remove and replace approximately 3 miles of pipe to provide the reliability required by the WW Standards	1998	\$150,000
	M	N	170	CAMP TA TA POCHON	3600537 001	Construct new storage facility	1998	\$50,000
	M	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058 001	CONSTRUCT A NEW WELL.	1999	\$15,000
	M	N	150	UNITED CAMPS CONFERENCE & RETREATS	2900520 001	Build 50,000 gallons of water storage on camp property 200 feet above the living area; plumbing from the well to the tanks and back. Possible new well or well upgrade.	1998	\$125,000
	M	N	150	Walden West	4300764 001	Have cross-connection test performed. Install meters. Repair steel tank - some structural modifications, new access hatch, enhance roof vent/ladder, etc.	1998	\$6,000
	M	N	150	VIRGINIA LKS. MUT. WATER CO.	2600510 001	Replace 800 feet of old steel line with PVC buried at appropriate depth.	2000	\$0
	M	N	145	CO OF SD CAMP WEST FORK	3700236 001	Present water system is aging and a continued supply of drinking water is essential to serve this inmate population.	1998	\$250,000
	M	N	125	CAMP ST NICHOLAS WATER SYSTEM	1502249 001	MORE CAPACITY & FIRE PREVENTION FOR CAMP	2001	\$35,000
	M	N	110	CAMP KEEP SIERRA	5402055 001	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	2000	\$10,200
	M	N	100	CHILI BAR PUT-IN	0900202 001	Find additional backup source and improve quality of present system. Involves study, design and construction.	1998	\$160,000
	M	N	100	AETNA SPRINGS RESORT	2800569 001	Purchase five 5,000 gal tanks. Move chlorination system to location of new tanks to provide more contact time.	1998	\$25,000
	M	N	100	CHRISTMAS COVE COMPANY	4000642 001	Drilling a new well and providing a new storage tank with automatic chlorination, filtration and water softener.	1999	\$25,000
	M	N	100	CAMP EL-O-WIN	1000166 001	BURY ALL WATER LINES BELOW THE FREEZE LINE.	2000	\$20,000
	M	N	94	SKY HIGH RANCH HOA	0500021 001	REPLACE/REMEDiate DISTRIB8UTION SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	1998	\$625,000
	M	N	90	ALPINE VILLAGE WATER CO.	5400708 001	INSTALL NEW STORAGE TANKS, LOOP THE WATER SYSTEM, ADD VALVE TO ISOLATE THE SYSTEM, INSTALL A CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$68,300
	M	N	75	ANANDA SECLUSION RETREAT	2901934 001	Install new tank and tower.	1998	\$30,000
	M	N	60	FAR HORIZON CAMP	5400896 001	Install a new 3" diameter water main	2000	\$20,000
	M	N	50	CHURCH OF THE GOOD SHEPARD WS	2702050 001	Replace tanks and pads.	1998	\$50,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	N	50	SPCA WS	2702370	002 Install disinfection system.	1998	\$5,000
	M	N	50	KINGVALE PROPERTY INC.	2900508	001 Install a well and storage/pressure system. Involves design and construction.	1999	\$50,000
	M	N	50	AZALEA TRAILS GIRL SCOUTS CAMP	3301025	001 Would like to construct a 20,000 to 40,000 gallon storage tank and replace approximately 2000' of 4-inch line and approximately 3000 of 2-inch line.	1999	\$100,000
	M	N	50	Sonoma County Parks-Putnam Park	4901223	001 Replace well, distribution lines, water pumps, chlorinator and tank.	1999	\$125,000
	M	N	50	NORTHSHORE S & B, INC	4000652	001 Install new large tank (replace 3 each 7,500 gallon tanks with one 100,000 gallon tank)	1999	\$35,000
	M	N	46	Redding Odd Fellows Camp	5301004	001 Repair or replace storage tank roof. Repair leaks in filter system.	1999	\$12,000
	M	N	38	Layman Association	3200151	001 A three to five year program to replace piping and valves, as money is available.	1998	\$30,000
	M	N	30	ASSOC. OF WELL OWNERS (MELODY KNOLLS)	3600541	001 Replace mainline and meters	1998	\$15,000
	M	N	29	OAK PARK WS	2700999	001 Install pressure system and replace aging water mains.	1998	\$50,000
	M	N	29	OAK PARK WS	2700999	004 Replace existing potable distribution system with adequate separation.	2000	\$40,000
	M	N	28	BEAR STATE W.W. (DUPLICATE SYSTEM)	0901217	001 Add new well, storage, and treatment facilities. Involves study, design and construction.	1998	\$200,000
	M	N	25	FARMERS FERTILIZER	3601054	001 Construct treatment facility, repair/replace motor	1998	\$30,000
	M	N	25	PONDEROSA GUEST RANCH	3601016	001 Construct new storage tank, rehab well, replace mainline	1998	\$2,500,000
	M	N	25	BARSTOW DAGGET AIRPORT	3600175	001 Install disinfection equipment, refurbish wellheads and tank, drill new wells	1998	\$90,000
	M	N	25	CAMP RADFORD/LA CITY R&P	3600531	001 Make wellhead repairs, construct new tank	1998	\$85,000
	M	N	25	CAMP VALCREST	1900620	001 REPLACE EXISTING 2" WATER INTAKE PIPES (140") WITH NEW 4" LINES TO MAIN WATER TANK.	1998	\$21,000
	M	N	25	SCC Animal Shelter/Airport	4300814	001 Implement all recommendations of certified cross-connection control specialist's survey (included with pre-application).	1998	\$20,000
	M	N	25	Uvas Canyon County Park	4300616	001 Replace 22,000 gallon redwood tank and well pump to provide additional water quality protection.	1998	\$75,000
	M	N	25	Covington Mill - A	5301103	002 Develop a second deep well site to augment the existing well, and provide additional source reliability.	1999	\$30,000
	M	N	25	SOLEDAD MISSION WS	2701176	001 New well and pipes.	2000	\$10,000
	M	N	25	VENTUCOPA WATER SUPPLY	4200872	001 Purchase and install storage tank. Also purchase and install meters.	2002	\$19,660
	M	X	30	MULLER MUTUAL WATER	0012162	001 CONSOLIDATE WITH AREA WATER SYSTEM & TIE IN WITH EAST NILES C.S.D. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	M	X	16	MULLER AVE AREA WATER SYSTEM	0012160	001 CONSOLIDATE WITH EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	M	X	10	HINSLEY STREET WELL	0012161	001 CONSOLIDATE WITH OTHER NEARBY WATER SYSTEMS AND EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
	M	S	60	Crawford Canyon MWC	3600079	001 Construct new wells, repair reservoir, replace mainline	1998	\$3,000,000
	M	S	25	CANNON PARK WATER CO.	2800632	002 Repair and and seal storage tank with a synthetic liner.	2002	\$15,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	M	S	18	ALPINE MUTUAL WATER COMPANY	1400501 001	Construct new well	1998	\$50,000
	M	S	17	COSUMNES RIVER INDIAN ASSOC	3400168 001	New pump and piping, larger storage tank and valves.	1999	\$83,000
	O	C	1223400	San Diego - City of	3710020 041	Demolish existing facilities and construct a new 5.65 MG underground concrete reservoir with overflow elevation at 570'.	2005	\$4,964,000
	O	C	1223400	San Diego - City of	3710020 056	Construct a new water pump station with five 5-mgd pumps. Total pump station capacity will be 20-mgd. The pump plant will pump water from the Alvarado Zone to the Northwest Mesa Zone.	2005	\$5,426,000
	O	C	1223400	San Diego - City of	3710020 054	Design and construct a new flow control facility to continue to meet the needs of the raw water supply to the Miramar WTP.	2005	\$8,000,000
	O	C	1200000	East Bay MUD	0110005 012	Replacement of approximately 10,000 feet 60-inches in diameter, from San Pablo reservoir to Sobrante reservoir,.	1998	\$7,470,000
	O	C	1200000	East Bay MUD	0110005 004	Modifications of standard regulators to improve the reliability of the distribution system.	1998	\$3,288,000
	O	C	1200000	East Bay MUD	0110005 014	Add the following: 1, Chlorine residual, 2. Particle counting, 3. Water temperature, 4. Connectivity.	1998	\$1,000,000
	O	C	1200000	East Bay MUD	0110005 006	Modification of substandard pumping plants to improve the reliability of the distribution system.	1998	\$2,179,000
	O	C	1200000	East Bay MUD	0110005 015	Rebuild filters and underdrain systems to correct problems associated with poor surface water filtration at Orinda WTP.	1998	\$1,700,000
	O	C	1200000	East Bay MUD	0110005 002	Purchase and install combination meter/backflow devices for residential customers that have wells and also purchase backflow prevention devices for hydrant meters used by contractors obtaining water during construction.	1998	\$1,338,000
	O	C	1200000	East Bay MUD	0110005 009	Ongoing project to inspect, recoat, and rehabilitate two to three distribution system steel reservoirs per year.	1998	\$12,900,000
	O	C	1200000	East Bay MUD	0110005 005	CLAREMONT CENTER IMPROVEMENTS UPGRADE PUMPING FACILITIES, REPLACE OLD ELECTRICAL EQUIPMENT AND PUMPS.	1998	\$11,500,000
	O	C	1200000	East Bay MUD	0110005 016	Replace Redwood tanks which have historically been sources of high bacterial concentrations with steel tanks. Install reservoir sampling and on-site treatment/disinfection facilities. Install chlorine residual and conductivity monitoring system.	1998	\$8,800,000
	O	C	1200000	East Bay MUD	0110005 003	Replace deteriorating distribution pipelines.	1998	\$31,600,000
	O	C	1200000	East Bay MUD	0110005 030		2004	
	O	C	979000	San Jose Water Company	4310011 005	Install 125 dedicated, lockable sampling stations.	1998	\$375,000
	O	C	979000	San Jose Water Company	4310011 001	Install hypochlorinators at 12 additional wellfields.	1998	\$1,500,000
	O	C	480000	Eastern Municipal WD	3310009 020	Install 2,675 feet of 30" diameter pipeline to connect the tanks to the distribution system. This also requires the installation of 6,400' of 18" diameter raw water pipeline.	1998	\$1,069,500



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	480000	Eastern Municipal WD	3310009 016	Consolidate the three systems, construct a 3.4 MG finished water tank and transmission pipelines.	1998	\$4,130,000
	O	C	480000	Eastern Municipal WD	3310009 014	Consuct a feasibility study complete with fieldwork to determine what will be needed in terms of a new finished water storage tank and/or additional transmission pipelines.	1998	\$100,000
	O	C	480000	Eastern Municipal WD	3310009 017	Construct the transmission pipeline needed to activate the Winchester Ranch tank.	1998	\$477,360
	O	C	480000	Eastern Municipal WD	3310009 002	Construct four additional groundwater production wells. (2 per yr)	1998	\$1,300,000
	O	C	480000	Eastern Municipal WD	3310009 021	Install 3,500' of 30" pipeline to connect the Citrus tanks to the distribution system.	1998	\$1,033,000
	O	C	480000	Eastern Municipal WD	3310009 041	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	1998	\$500,000
	O	C	480000	Eastern Municipal WD	3310009 019	Replace existing 0.21 MG tank with a new 0.315 MG finished water tank in a new location. Replace the leaky distribution pipeline and build a new pump station.	1998	\$1,155,000
	O	C	480000	Eastern Municipal WD	3310009 018	Replace this 0.23 MG tank with a new 0.5 MG finished water tank.	1998	\$250,000
	O	C	480000	Eastern Municipal WD	3310009 004	Construct a water harvesting facility at the San Jacinto Reservoir and equipment same with a pumping plant and piepline to recover the rain run-off so captured for groundwater recharge.	1998	\$770,000
	O	C	480000	Eastern Municipal WD	3310009 005	Purchase capacity in the Temescal Valley Regional Interceptor to convey the brine viw the Santa Ana Interceptor to convey the brine via the Santa Ana Interceptor to the County Sanitation District of Orange County treatment plant and purchase capacity	1998	\$10,780,000
	O	C	480000	Eastern Municipal WD	3310009 013	Combine both pressure zones and construct a 4.6 MG finished water storage tank and transmission pipeline.	1998	\$4,118,000
	O	C	480000	Eastern Municipal WD	3310009 036	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1998	\$250,000
	O	C	480000	Eastern Municipal WD	3310009 047	Construct approx. four miles of collection pipeline (exact size to be determined) from proposed extraction wells to the proposed Sun City desalination plant.	1999	\$2,025,000
	O	C	480000	Eastern Municipal WD	3310009 037	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	1999	\$250,000
	O	C	480000	Eastern Municipal WD	3310009 046	Drill and develop three extraction wells along McLaughlin St. in south Perris to extract the contaminated groundwater for susequent treament at the proposed Sun City desalination plant.	1999	\$2,501,000
	O	C	480000	Eastern Municipal WD	3310009 042	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	1999	\$500,000
	O	C	480000	Eastern Municipal WD	3310009 003	Construct four additional groundwater production wells. (2 per yr)	1999	\$1,300,000
	O	C	480000	Eastern Municipal WD	3310009 043	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety leadders and platforms.	2000	\$500,000
	O	C	480000	Eastern Municipal WD	3310009 038	Develop an anuual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2000	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	480000	Eastern Municipal WD	3310009 044	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2001	\$500,000
	O	C	480000	Eastern Municipal WD	3310009 039	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2001	\$250,000
	O	C	480000	Eastern Municipal WD	3310009 045	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	2002	\$500,000
	O	C	480000	Eastern Municipal WD	3310009 040	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	2002	\$250,000
	O	C	480000	Eastern Municipal WD	3310009 051	Construct extraction wells, pipelines and reverse osmosis desalination facility to control hydraulic gradients and remove salt from subbasin.	2002	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007 001	INSTALL DIESEL-POWERED ELECTRICAL GENERATORS AT 28 PUMP STATIONS.	1998	\$1,500,000
	O	C	438000	FRESNO, CITY OF	1010007 002	REPLACE 30 OIL LUBED PUMPS WITH WATER LUBED PUMPS.	1998	\$585,000
	O	C	438000	FRESNO, CITY OF	1010007 005	CONSTRUCT IMPROVEMENTS TO THE RAW WATER CONVEYANCE TO PROVIDE SOURCE WATER PROTECTION.	1998	\$4,000,000
	O	C	438000	FRESNO, CITY OF	1010007 006	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1998	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007 007	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	1999	\$10,000,000
	O	C	438000	FRESNO, CITY OF	1010007 008	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	2000	\$10,000,000
	O	C	400600	City of Sacramento	3410020 005	Implement a wellhead protection program in accordance with DHS requirements.	1998	\$330,000
	O	C	400600	City of Sacramento	3410020 006	Update survey during 1998.	1998	\$200,000
	O	C	400600	City of Sacramento	3410020 001	Replace existing pipes with adequate pipe sizes. Involves refinancing and construction.	1998	\$2,900,000
	O	C	400600	City of Sacramento	3410020 002	Abandon existing mains and construct new mains in street. Involves refinancing, design and construction.	1998	\$2,500,000
	O	C	400600	City of Sacramento	3410020 004	Place new coating and install impressed current cathodic protection systems. Involves design and construction.	1998	\$2,400,000
	O	C	200000	Contra Costa Water District	0710003 005	Remove and dispose of existing caulking from 10 treated water reservoirs and replace with new caulking.	1998	\$2,050,000
	O	C	200000	Contra Costa Water District	0710003 011	Construction of a parallel seismically sound pipeline and pump station/	1998	\$12,100,000
	O	C	200000	Contra Costa Water District	0710003 012	Install culverts at two high potential slide locations and perform earthwork at one.	1998	\$1,800,000
	O	C	200000	Contra Costa Water District	0710003 014	Construct a new intake 7 miles south of the existing intake.	1998	\$121,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	200000	Contra Costa Water District	0710003 010	Construct an in-line sedimentation basin near intake.	1998	\$1,000,000
	O	C	200000	Contra Costa Water District	0710003 009	Relocate the drainage discharge	1998	\$3,500,000
	O	C	200000	Contra Costa Water District	0710003 013	two pipelines will be retrofitted with new encased at the crossing locations.	1998	\$3,200,000
	O	C	200000	Contra Costa Water District	0710003 019	Construct a 7300 foot of 24-inch diameter pipeline extending from the 24 inch main.	2002	\$2,752,000
	O	C	199300	City of Huntington Beach	3010053 002	To provide cathodic protection of all applicable metallic pipelines in the City.	1998	\$5,000,000
	O	C	195740	CWS - Bakersfield	1510003 001	Design and construct a Hydrogen Sulfide treatment facility on the new well scheduled to be constructed in this area. Other - Design/Construction	1998	\$260,000
	O	C	195740	CWS - Bakersfield	1510003 002	INSTALL GAC ADSORPTION VESSEL ON THIS WELL. OTHER - DESIGN AND CONSTRUCTION	1999	\$400,000
	O	C	180000	Marin Municipal Water District	2110002 003	Install an air compressor at Alpine Lake to eliminate or control the problems.	1999	\$250,000
	O	C	161900	Moulton Niguel Water District	3010073 009	Installing chlorination facilities at operational reservoirs which will increase or at least maintain the chlorine residual in the distribution system to improve the water quality.	2002	\$1,200,000
	O	C	160753	Oceanside, City of	3710014 006	Mission/Foussat to El Camino Real water line design and construction to provide transport of groundwater to various distribution points.	1998	\$1,000,000
	O	C	160753	Oceanside, City of	3710014 003	Design and construction of a new pressure regulator station serving the peacock Hills area.	1998	\$495,000
	O	C	149473	POMONA- CITY, WATER DEPT.	1910126 001	REPLACE PRIORITY "1" AND "2" LINES AS IDENTIFIED FROM THE 1992 WATER MASTERPLAN	1998	\$21,750,000
	O	C	149473	POMONA- CITY, WATER DEPT.	1910126 004	CONSTRUCT A 3.5 MG CIRCULAR CONCRETE RESERVOIR (RESERVOIR 9C)	1998	\$1,980,000
	O	C	136600	Padre Dam MWD	3710037 006	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	\$14,337,940
	O	C	136600	Padre Dam MWD	3710037 001	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1998	\$7,896,800
	O	C	136600	Padre Dam MWD	3710037 002	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	1999	\$12,241,500
	O	C	136600	Padre Dam MWD	3710037 003	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2000	\$21,777,700
	O	C	136600	Padre Dam MWD	3710037 004	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2001	\$14,932,700
	O	C	136600	Padre Dam MWD	3710037 005	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	2002	\$15,971,700
	O	C	135000	SAN BERNARDINO CITY	3610039 001	Construct new well Cajon Canyon	1998	\$400,000
	O	C	135000	SAN BERNARDINO CITY	3610039 003	Construct new Dally Sin Booster	1998	\$85,000
	O	C	135000	SAN BERNARDINO CITY	3610039 009	Extend Lower Pressure zone transmission main in Medical Center Drive	2000	\$1,000,000
	O	C	135000	SAN BERNARDINO CITY	3610039 011	Construct Cajon Blvd transmission line from Scott Labs reservoir to Ogden reservoir site	2001	\$1,900,000
	O	C	135000	SAN BERNARDINO CITY	3610039 013	Construct new 7500 GPM Sycamore zone booster	2001	\$150,000
	O	C	135000	SAN BERNARDINO CITY	3610039 014	Construct 36 inch 8500 ft Sycamore transmission main	2002	\$1,750,000
	O	C	135000	SAN BERNARDINO CITY	3610039 016	Construct 36 inch 4133 ft Crosstown transmission line	2002	\$867,000
	O	C	135000	SAN BERNARDINO CITY	3610039 015	Construct 7500 gpm Ogden Labs booster	2002	\$150,000
	O	C	134973	Corona, City of	3310037 001	Desalination	1998	\$30,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	129610	CITY OF HAYWARD	0110006 012	Install well, rehab well and construction of pump stations for both.	1998	\$1,263,000
	O	C	129610	CITY OF HAYWARD	0110006 030	Study and construct needed enhancements.	2002	\$300,000
	O	C	129610	CITY OF HAYWARD	0110006 029	Study and construct needed enhancements.	2002	\$390,000
	O	C	129610	CITY OF HAYWARD	0110006 033	Replace with larger mains.	2002	\$795,000
	O	C	129610	CITY OF HAYWARD	0110006 025	Construct Booster Station off the 42 inch aqueduct.	2002	\$7,550,000
	O	C	129610	CITY OF HAYWARD	0110006 028	Study and construct needed Enhan Cements	2002	\$255,000
	O	C	129610	CITY OF HAYWARD	0110006 026	Make various structural and piping modifications to Harden Reservoir.	2002	\$1,000,000
	O	C	129610	CITY OF HAYWARD	0110006 024	Construct emergency water supply groundwater well.	2002	\$1,450,000
	O	C	129610	CITY OF HAYWARD	0110006 023	Install actuators, valve fittings and sentry units at reservoirs.	2002	\$320,000
	O	C	129610	CITY OF HAYWARD	0110006 032	Modify piping at four reservoirs, eliminating the single inlet and sewer line arrangement.	2002	\$1,300,000
	O	C	129610	CITY OF HAYWARD	0110006 031	Project to recoat the interior and exterior of the south Walpert tank	2002	\$500,000
	O	C	129610	CITY OF HAYWARD	0110006 035	Replace mains.	2003	\$3,000,000
	O	C	129610	CITY OF HAYWARD	0110006 038	Replace water mains and install special fittings.	2003	\$1,137,000
	O	C	129610	CITY OF HAYWARD	0110006 039	Design and construct a new booster pump station off the 42" aqueduct.	2003	\$7,550,000
	O	C	129610	CITY OF HAYWARD	0110006 037	Replace 16 inch pipeline with 30 inch pipeline.	2004	\$1,181,000
	O	C	129610	CITY OF HAYWARD	0110006 034	Replace with larger main.	2004	\$1,600,000
	O	C	129610	CITY OF HAYWARD	0110006 040	Design and construct a 4.9 million gallon reservoir in the 250 elevation zone.	2005	\$7,165,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 003	Construct 10 MGD SWTP to increase reliability (Phase I)	1999	\$10,000,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 012	Install treatment using ion exchange technology to remove nitrate and perchlorate	2002	\$1,750,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 004	Construct 10 MGD SWTP to increase reliability (Phase II)	2002	\$10,000,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 016	Install treatment using ion exchange technology to remove nitrate and perchlorate	2003	\$1,750,000
	O	C	119525	SAN GABRIEL VALLEY WC - FONTANA	3610041 011	Install treatment using ion exchange technology to remove nitrate and perchlorate	2003	\$1,750,000
	O	C	111000	City of Stockton.	3910012 002	Pipe surface water into south area.	1999	\$5,360,000
	O	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 001	CONSTRUCT 11,100 LINEAR FEET OF 24" WATER MAIN	1998	\$1,660,000
	O	C	110444	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	1910070 002	CONSTRUCT 10,600 LINEAR FEET OF 24" WATER MAIN	1999	\$1,586,000
	O	C	110000	CALIFORNIA WATER SERVICE CO. - DOMINGUEZ	1910033 002	Additional chlorine generating facilities installed to prechlorinate for bleaching and post chloraminated for disinfection. Project involves: Refinance, Design, and Construction.	1998	\$250,000
	O	C	105600	Mesa Consolidated WD	3010004 003	Installation of a permanent pipeline.	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	105600	Mesa Consolidated WD	3010004 025	Replacement of existing polybutelene pipes with copper service lines.	1998	\$8,400,000
	O	C	105600	Mesa Consolidated WD	3010004 032	Switch to sodium hypochlorite	2000	\$86,000
	O	C	105600	Mesa Consolidated WD	3010004 031	Replace 190 fire hydrants	2000	\$206,000
	O	C	105600	Mesa Consolidated WD	3010004 035	The District is proposing to conduct a study in order to determine the best solution for maintaing water quality and maximizing the use of their storage facility; subsequent to a solution being identified, the District would like to implement the solution	2003	\$825,000
	O	C	105600	Mesa Consolidated WD	3010004 037	The District is proposing to install wellhead treatment to reduce the level of color in the wells.	2005	\$3,200,000
	O	C	103616	AZUSA LIGHT AND WATER	1910007 006	Evaluate integrity of walls of both reservoirs and make necessary repairs and improvements. Project involves: Study to determine cause of problem and Design to solve problem.	1998	\$250,000
	O	C	103616	AZUSA LIGHT AND WATER	1910007 005	Recondition motor and pump brush casing perforations and new column pipe. Well #10 rotate discharge head and install new pump control valve, new meter, check valve and new pump house.	1998	\$175,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 004	Build new 2.1 MG reservoir in 260 Zone	1998	\$4,800,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 002	Expand existing plant from 4 MGD to 8 MGD and drill/install new well.	1998	\$4,000,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 005	Construct two 2 MG reservoirs and new pipeline.	1998	\$6,500,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 006	Design and build 1.0 MG reservoir	1998	\$2,000,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 003	Drill new well in Mound Basin and treat at Bailey Plant.	1998	\$1,400,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 008	Construct transmission main from 210 zone to 430 zone.	1999	\$3,200,000
	O	C	103505	VENTURA WATER DEPARTMENT	5610017 007	Build 1600 LF of 14 inch pipeline and a 0.90 MG reservoir.	1999	\$1,600,000
	O	C	103000	City of Daly City	4110013 001	Install new main, pump station and reservoir.	2003	\$7,000,000
	O	C	97330	CWS - Visalia	5410016 001	INSTALL GAC TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	O	C	97330	CWS - Visalia	5410016 002	DESIGN AND CONSTRUCT GAC TREATMENT VESSEL AND UPGRADE PUMP AND MOTOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$225,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 004	Conduct detailed inspection, design rehabilitation project and contruction of reservoir improvements.	2000	\$6,600,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 003	Install baffling system, recirculation pump, new valves and upgrade reservoir facility.	2000	\$671,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 005	Upgrade pumping facilities	2001	\$220,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 002	Design/construct new pumping facility.	2001	\$627,000
	O	C	91289	SANTA MONICA-CITY, WATER DIVISION	1910146 006	Acquire land and design/construct new 5 MG reservoir.	2002	\$4,300,000
	O	C	90000	PALMDALE WATER DIST.	1910102 005	Construct carbon hopper and loading facility. Project involves: Design to solve problem, and Construction	1998	\$350,000
	O	C	90000	PALMDALE WATER DIST.	1910102 009	Construct booster station at clearwell site to move water into 2800' and 2950' water systems. Project involves: Design to solve problem, and Construction	1998	\$1,500,000
	O	C	90000	PALMDALE WATER DIST.	1910102 008	Construct new 6.0 MG clearwell. Project involves: Design to solve problem, and Construction	1998	\$1,800,000
	O	C	90000	PALMDALE WATER DIST.	1910102 010	Construct piping and valving necessary to tie area into 3000' water system. Project involves: Design to solve problem and Construction	1998	\$100,000
	O	C	90000	PALMDALE WATER DIST.	1910102 002	Line 400,000 sq. ft. of unlined portions of Palmdale Ditch. Project involves: Design to solve problem, and Construction	1999	\$2,800,000
	O	C	86000	GOLETA WATER DISRICT	4210004 006	Construct a new reservoir in 230 Zone	1998	\$5,000,000
	O	C	86000	GOLETA WATER DISRICT	4210004 009	Repair damaged line and construct rip rap protection near creeks.	1998	\$150,000
	O	C	86000	GOLETA WATER DISRICT	4210004 010	Recoat steel reservoir and reseal joints of concrete reservoirs.	1998	\$200,000
	O	C	86000	GOLETA WATER DISRICT	4210004 008	Design and construct an alternative treatment method.	1998	\$150,000
	O	C	85504	ALHAMBRA-CITY, WATER DEPT.	1910001 001	Design and construct a VOC treatment plant. Conduct study to determine the cause of the water quality problems.	1998	\$400,000
	O	C	85504	ALHAMBRA-CITY, WATER DEPT.	1910001 002	Complete a study to determine the best suited location, in the well field, where a nitrate (ion-exchange) treatment plant could be constructed. Project involves: Study, Design, and Construction.	1998	\$900,000
	O	C	85504	ALHAMBRA-CITY, WATER DEPT.	1910001 003	Engineering study to determine which of the existing wells could be rehabilitated.	1999	\$300,000
	O	C	85300	City of Westminster	3010064 005	Replace old electrical panels.	1998	\$88,000
	O	C	85300	City of Westminster	3010064 012	Purchase 730 fire hydrants over a five year period to replace inoperable fire hydrants in the water system.	1998	\$511,000
	O	C	85300	City of Westminster	3010064 008	Replace aging water meters with "Touch Read" technology meters to improve accuracy and efficiency.	1998	\$2,368,814
	O	C	85000	El Dorado ID - Main	0910001 019	Remove and replace old media with new mixed media filter material.	1998	\$300,000
	O	C	84485	City of Antioch	0710001 001	Replace deteriorated mains with new and larger mains.	2000	\$250,000
	O	C	83300	Sacramento Suburban Water District	3410024 004	Construct a main extension from the north boundary of system to the south boundary.	1998	\$1,164,000
	O	C	83300	Sacramento Suburban Water District	3410024 005	Obtain funding.	1998	\$1,000,000
	O	C	83300	Sacramento Suburban Water District	3410024 002	Construct a 5mg storage tank with a large pumping station.	1998	\$5,000,000
	O	C	83300	Sacramento Suburban Water District	3410024 006	Funding to replace services.	1998	\$700,000
	O	C	83300	Sacramento Suburban Water District	3410024 001	Construct large diameter transmission pipeline from Folsom Lake.	1998	\$22,333,064



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	83300	Sacramento Suburban Water District	3410024 003	Obtain lower financing.	1998	\$36,380,000
	O	C	83300	Sacramento Suburban Water District	3410024 007	Provide new water source into McCaFB from NWD's existing system through the extension of the District's proposed transmission pipeline, including base system improvements to both the distribution and storage facilities.	1998	\$8,200,000
	O	C	76000	City of Mountain View	4310007 004	Demolition and removal of pump station and reservoir.	1998	\$60,000
	O	C	76000	City of Mountain View	4310007 009	Design and construct a replacement telemetry system.	1998	\$1,200,000
	O	C	76000	City of Mountain View	4310007 010	Replace these smaller water system components and make minor unscheduled improvements.	1998	\$458,000
	O	C	76000	City of Mountain View	4310007 012	Update urban water plan.	1998	\$45,070
	O	C	76000	City of Mountain View	4310007 016	Design and construct upgraded system controls at three turnouts.	1998	\$130,000
	O	C	76000	City of Mountain View	4310007 005	Removal of Bryant tank with system modifications.	1999	\$150,000
	O	C	76000	VALLEY COUNTY WATER DIST.	1910009 005	Design and construct new system interconnections to combine the two water systems as well as at least one new groundwater well.	2001	\$800,000
	O	C	74869	CLOVIS, CITY OF	1010003 003	CONSTRUCT A 2 MG RESERVOIR WITH BOOSTER PUMPS.	1998	\$2,405,000
	O	C	74869	CLOVIS, CITY OF	1010003 002	CONSTRUCTION OF A SURFACE WATER TREATMENT PLAN TO REDUCE RELIANCE OF GROUNDWATER PUMPING.	1998	\$9,400,000
	O	C	74869	CLOVIS, CITY OF	1010003 001	EXPANSION OF THE CITY'S GROUNDWATER RECHARGE FACILITY.	1999	\$2,400,000
	O	C	70600	Napa, City of	2810003 001	Rehabilitate or replace intake tower.	1998	\$700,000
	O	C	65960	California Water Service - Bear Gulch	4110006 001	treatment plant upgrades-Particle Counter SCADA system connection, and Precursor removal for Total Trihalomethane (THM) control.	1998	\$120,000
	O	C	63934	SCWMD Laguna/Vineyard	3410029 002	Design and construct 72-inch, 140 million gallon pipeline and 100 mgd surface water treatment plant expansion.	1998	\$1,800,000
	O	C	63934	SCWMD Laguna/Vineyard	3410029 001	Construct 72-inch, 140 million gallon pipeline and surface water treatment plant expansion.	1999	\$46,000,000
	O	C	59000	City of Pleasanton	0110008 005	Replace polybutylene water services with polybutylene service pipe.	1998	\$24,000,000
	O	C	59000	City of Pleasanton	0110008 004	Drill new well and construct all ancillary facilities to replace lost production.	1998	\$1,200,000
	O	C	59000	City of Pleasanton	0110008 003	Evaluate design and construct well head water softening facilities.	1998	\$15,000,000
	O	C	59000	City of Pleasanton	0110008 002	Creat a looped water main system between turnout 5 and the City's existing 16" water main .	1998	\$700,000
	O	C	59000	City of Pleasanton	0110008 006	Construct various system interties and install valves to improve distribution.	1998	\$2,100,000
	O	C	58461	LAKEWOOD - CITY, WATER DEPT.	1910239 005	Drill and equip two new drinking water production wells.	2003	\$900,000
	O	C	58000	ROWLAND WATER DISTRICT	1910194 001	Install Chloramine injection facilities and revamp common inlet-outlet reservoir piping. Project involves: Design to solve problem, and Construction	1998	\$3,250,000
	O	C	57641	Placer CWA - Foothill	3110025 005	Design and construct pipeline from Auburn Tunnel pump station to Foothill Water Treatment Plant.	1998	\$11,000,000
	O	C	57641	Placer CWA - Foothill	3110025 006	Construct 20 million gallons of storage. Involves design and construction.	1999	\$22,000,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	55000	City of Chino Hills	3610036 002	Extend reclaimed line to mitigate demand for potable water	1998	\$500,000
	O	C	55000	City of Chino Hills	3610036 004	Extend reclaimed line to mitigate demand for potable water	1998	\$850,000
	O	C	55000	City of Chino Hills	3610036 007	Construct reclaimed water reservoir R24	1998	\$1,125,000
	O	C	53000	North Marin Water District	2110003 017	Modify pump stations per OSHA requirements.	1998	\$30,000
	O	C	53000	North Marin Water District	2110003 005	Recoating of storage tanks.	1998	\$1,065,000
	O	C	53000	North Marin Water District	2110003 003	Design and construction of two (2) tanks for Zone 1.	1998	\$1,590,000
	O	C	53000	North Marin Water District	2110003 016	CALLE DE LA MESA PRESSURE RELIEF AND SUNSET REGULATOR UPGRADES.	1998	\$22,000
	O	C	53000	North Marin Water District	2110003 004	Study and implement appropriate strategies.	1998	\$10,000
	O	C	53000	North Marin Water District	2110003 010	Anodes, insulators, system modifications. Aqueduct, Atherton to Bahia, Bel Marin Keys.	1998	\$70,000
	O	C	53000	North Marin Water District	2110003 009	Upgrade or replace rank screens.	1998	\$25,000
	O	C	53000	North Marin Water District	2110003 008	Eliminate reducing station and install individual PRVs.	1998	\$90,000
	O	C	53000	North Marin Water District	2110003 007	Study leak/capacity, (98/99), construct new IMG storage tank and new pump station.	1998	\$7,275,000
	O	C	53000	North Marin Water District	2110003 006	Install control system improvements to provide early warning of power problems: Upper Wild Horse, Old Ranch Road, Eagle Drive, Bahia, and Garner.	1998	\$50,000
	O	C	53000	North Marin Water District	2110003 018	Isolate Cherry Hill from plant water.	1999	\$50,000
	O	C	53000	North Marin Water District	2110003 013	UPGRADE TO DOUBLE CHECKS AS APPROPRIATE.	1999	\$100,000
	O	C	53000	North Marin Water District	2110003 014	INSTALL ON LINE MONITORS FOR TURBIDITY, CHLORINE AND PH.	1999	\$25,000
	O	C	53000	North Marin Water District	2110003 012	Install blowoffs at all zone valves to facilitate flushing.	1999	\$120,000
	O	C	53000	North Marin Water District	2110003 011	Chlorine booster stations. Stafford TP rehabilitation may impact need.	2000	\$35,000
	O	C	53000	North Marin Water District	2110003 019	Construct a communication link between District offices and Novato emergency operations center.	2000	\$20,000
	O	C	53000	North Marin Water District	2110003 030	Repair intake tower gate(s).	2001	\$200,000
	O	C	53000	North Marin Water District	2110003 027	Algae control by installation of an engineered lake aeration system to replace existing.	2002	\$120,000
	O	C	53000	North Marin Water District	2110003 026	Participate in the purchase of water quality protection easements on ranch property.	2002	\$500,000
	O	C	53000	North Marin Water District	2110003 029	Storage tank modifications to provide mixing and turnover of water.	2002	\$250,000
	O	C	53000	North Marin Water District	2110003 028	Chlorine booster stations.	2002	\$120,000
	O	C	53000	North Marin Water District	2110003 031	Renovate Stafford Lake intake structure and raw water transmission line.	2003	\$100,000
	O	C	51226	Arcade WD - Town & Country	3410001 002	Replace with larger diameter water mains. Involves design and construction.	1998	\$30,900,000
	O	C	50700	El Toro Water District	3010079 001	Re-coating of reservoirs	2001	\$1,000,000
	O	C	50700	El Toro Water District	3010079 003	Pipeline replacement	2001	\$203,000
	O	C	50700	El Toro Water District	3010079 002	Re-coating of reservoir	2002	\$400,000
	O	C	50000	THOUSAND OAKS WATER DEPT	5610020 001	Construct a new larger reservoir to meet the current seismic codes and the standard for fire flow storage.	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	48250	City of Davis	5710001 001	Construct second water storage tank. Involves design and construction.	2000	\$2,500,000
	O	C	48000	CITY OF COLTON	3610014 006	Recoat reservoir	1998	\$350,000
	O	C	48000	CITY OF COLTON	3610014 001	Recoat reservoir	1998	\$800,000
	O	C	48000	CITY OF COLTON	3610014 004	Rehabilitate wells	1998	\$200,000
	O	C	48000	CITY OF COLTON	3610014 002	Drill new well and construct new transmission lines	1998	\$3,525,000
	O	C	48000	CITY OF COLTON	3610014 003	Drill new well and replace transmission lines	1998	\$3,525,000
	O	C	48000	CITY OF COLTON	3610014 005	Install approved coating	1998	\$350,000
	O	C	48000	CITY OF COLTON	3610014 007	Recoat reservoir	1998	\$350,000
	O	C	45325	CalAm - Parkway	3410017 006	Center Parkway Main replacement. Involves design and construction.	1998	\$270,000
	O	C	45325	CalAm - Parkway	3410017 001	Parksite backwash tank. Involves design and construction.	1998	\$200,000
	O	C	45325	CalAm - Parkway	3410017 004	Sky Parkway backbone main. Involves design and construction.	1998	\$550,000
	O	C	45325	CalAm - Parkway	3410017 010	A/E Parkway main replacement. Involves design and construction.	1998	\$680,000
	O	C	45300	Hanford, City of	1610003 001	CONSTRUCT FILTER SYSTEM AT WELL HEAD	1998	\$350,000
	O	C	45000	MONTE VISTA CWD	3610029 012	Construct new booster at Plant 16	1998	\$60,000
	O	C	45000	MONTE VISTA CWD	3610029 006	Construct pump to waste lines to divert flow to perc basin	1998	\$150,000
	O	C	45000	Soquel Creek Water District	4410017 002	Install treatment and water softening equipment.	1998	\$1,100,000
	O	C	45000	Soquel Creek Water District	4410017 003	Upgrades to treatment plant--granular activated carbon filters, and water softening equipment.	1998	\$500,000
	O	C	45000	Soquel Creek Water District	4410017 004	System needs a computer groundwater model to simulate groundwater basin yield.	1998	\$300,000
	O	C	45000	Soquel Creek Water District	4410017 009	Construct new production well at Top Sail Court.	1999	\$1,900,000
	O	C	45000	MONTE VISTA CWD	3610029 013	Construct new reservoir	2000	\$4,000,000
	O	C	45000	Soquel Creek Water District	4410017 006	Install a multipl shallow well system to reduce localized groundwater demand and avoid using deeper waters.	2000	\$3,000,000
	O	C	45000	Soquel Creek Water District	4410017 008	Install La Selva Beach production well will provide additional water in sub-area IV.	2000	\$758,900
	O	C	45000	Soquel Creek Water District	4410017 005	Purchase 40 acres and build a surface water treatment plant, reservoir, pipeline, and surface water intake/pump station off Soquel Creek.	2001	\$40,000,000
	O	C	45000	Soquel Creek Water District	4410017 007	Installation of a production well in sub-area III.	2002	\$1,000,000
	O	C	44063	CAMARILLO WATER DEPT	5610019 001	Construct additional wells to provide provide redundancy and insuring system reliability.	1998	\$740,000
	O	C	43633	City of Yuba City	5110002 010	Install new pipelines to increase water flows to low pressure areas.	1998	\$1,900,000
	O	C	43633	City of Yuba City	5110002 001	Construct two new dual media filters.	1998	\$2,250,000
	O	C	43633	City of Yuba City	5110002 011	Drill a new well.	1998	\$665,000
	O	C	43633	City of Yuba City	5110002 005	Rehabilitate storage tanks with baffles and reroute piping around treatment plant.	1998	\$1,126,000
	O	C	43633	City of Yuba City	5110002 008	Construct new backwash sump and pump station.	1998	\$525,000
	O	C	43633	City of Yuba City	5110002 007	Rehabilitate sedimentation basins.	1999	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	43633	City of Yuba City	5110002 009	Construct a 3.0 MG storage tank, pump station and appurtenances.	2000	\$3,360,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 006	Villaview wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 003	Treelark wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 007	Lincoln Oaks tank and booster station. Involves design and construction.	1998	\$1,800,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 005	Glass Slipper wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 002	Connect to Daly Ave main. Involves design and construction.	1998	\$160,000
	O	C	42000	CalAm - Lincoln Oaks	3410013 004	Sandlewood wellhead treatment. Involves design and construction.	1998	\$450,000
	O	C	41840	Southern CA Water Co - Cordova Water Srv	3410015 002	Install a complete self-cleaning debris rack on the intake.	1998	\$15,000
	O	C	41840	Southern CA Water Co - Cordova Water Srv	3410015 003	Install industry approved water sampling stations in the system.	1998	\$45,000
	O	C	41427	City of San Bruno	4110023 001	Supply and installation of water meters and electronic "touch read" devices.	1998	\$830,300
	O	C	41427	City of San Bruno	4110023 005	Detailed field inspection/survey to determine the magnitude of the problem. Sand blasting and recoating of the interior.	1998	\$120,000
	O	C	41427	City of San Bruno	4110023 008	Construct storage facilities to expand storage capacity.	1998	\$10,200,000
	O	C	40625	Porterville, City of	5410010 001	DESIGN AND INSTALL FIVE LARGE, DEEP WELLS AND PUMPING SYSTEMS TO REPLACE LOST PRODUCTION.	1998	\$2,000,000
	O	C	39667	North Coast County Water Dist	4110025 006	Phase 1 system modifications will allow leaking main to be taken out of service	1998	\$75,000
	O	C	39667	North Coast County Water Dist	4110025 007	Phase 2 of project will place a liner inside main after phase 1 work is completed.	1999	\$350,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003 007	Construct reservoir and booster system adjacent to well	1998	\$300,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003 009	Replace hypo units with chlorine generators	1998	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003 010	Replace hypo units with chlorine generators	1999	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003 011	Replace hypo units with chlorine generators	2000	\$200,000
	O	C	38870	APPLE VALLEY RANCHOS WC	3610003 012	Replace hypo units with chlorine generators	2001	\$200,000
	O	C	38700	Carmichael Water District	3410004 003	Abandonment of wells.	1999	\$150,000
	O	C	36305	San Dieguito WD	3710021 001	Back wash water secondary treatment (reclamation) and removal of accumulated solids in lake for taste and odor improvements.	1998	\$5,900,000
	O	C	34300	Southern Calif WC - Placentia	3010035 001	Study the need to install chloramination facilities.	1998	\$65,000
	O	C	34082	CalAm - Suburban	3410010 004	Drill and equip well. Involves design and construction.	1998	\$530,000
	O	C	34082	CalAm - Suburban	3410010 003	Booster station, tank and connecting mains. Involves design and construction.	1998	\$2,500,000
	O	C	34082	CalAm - Suburban	3410010 002	US 50 overcrossing. Involves design and construction.	1998	\$250,000
	O	C	31917	CAL CITIES - ORCUTT	4210016 003	Implement a groundwater management plan.	1998	\$5,000
	O	C	31917	CAL CITIES - ORCUTT	4210016 009	Automate the Evergreen Zone.	1998	\$30,000
	O	C	31917	CAL CITIES - ORCUTT	4210016 004	Automate the system with auto dailer.	1998	\$50,000
	O	C	31917	CAL CITIES - ORCUTT	4210016 005	Automate the Foxenwood zone system.	1998	\$30,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	31917	CAL CITIES - ORCUTT	4210016 007	Install two industrial approved sample stations for TCR sampling.	1998	\$5,000
	O	C	31917	CAL CITIES - ORCUTT	4210016 008	Install cathodic protection at two reservoirs, Orcutt Hill and Orcutt plant Reservoir	1998	\$25,000
	O	C	31726	San Juan Water District	3410021 006	Determine improvements/replacements to existing SCADA system and implement.	1998	\$900,000
	O	C	31726	San Juan Water District	3410021 005	Reconstruction to replace or renovate the pipeline.	1998	\$940,000
	O	C	31726	San Juan Water District	3410021 001	Improve suction sides and replace pumps.	1998	\$2,800,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 004	Drill ejection and/or replacement wells.	2001	\$1,500,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 005	Construct SWTP using state project water	2001	\$650,000
	O	C	31640	YUCAIPA VALLEY WD ID-A&2	3610055 006	Drill replacement well	2002	\$225,000
	O	C	31000	CRESCENTA VALLEY CWD	1910028 003	Funding requested for a water distribution system pipeline replacement program that has been in place since 1994/95 for a portion from 1997/98 beyond. Project involves: Design, and Construction	1998	\$8,173,060
	O	C	30450	City of West Sacramento	5710003 002	Add a 3mg storage tank pumping system.	1998	\$700,000
	O	C	30450	City of West Sacramento	5710003 004	Extend the Harbor Boulevard water line under Bus 80 down Industrial Boulevard to the Southport area.	1998	\$3,800,000
	O	C	30450	City of West Sacramento	5710003 003	Design a filter to waste system and increase water treatment capacity.	1998	\$1,000,000
	O	C	29200	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 004	Study groundwater quality and quantity available in the area of the highest elevation. Results will be used to select a well site to provide emergency and alternative water supply of good water quality to this area.	1998	\$30,000
	O	C	29200	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 002	Provide an additional 2 MG of storage steel tank for emergency and peak supply.	1998	\$1,000,000
	O	C	29200	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 001	Drill and equip a well at the Rebecca Plant to provide for future emergency and laternative water supply.	1998	\$450,000
	O	C	29200	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 003	Acquisition of property for the drilling of a well near Fitzgerald interconnection with Callegaus MWD will provide for the addition of future emergency and alternative water supply to the system. Overall water qualityimprovement by blending.	1998	\$150,000
	O	C	28500	Santa Paula Water System	5610011 009	Design, construct and inspect construction of new roof.	2000	\$500,000
	O	C	28000	City of Benicia	4810001 018	Miscellaneous projects to address the concerns listed in Attachment 1.	1998	\$59,000
	O	C	28000	City of Benicia	4810001 016	Perform a feasibility study to determine feasibility of project.	1998	\$150,000
	O	C	28000	City of Benicia	4810001 013	Design and construction of 800 feet of 24 inch pipeline to replace the existing 14 inch pipeline.	2001	\$204,000
	O	C	28000	City of Benicia	4810001 014	Design and install a second pipeline to connect the WTP to the Lake Herman inlet pipeline, which allow operators to waste recycled plant flow to lake Herman while in use.	2002	\$1,310,000
	O	C	27000	INDIAN WELLS VALLEY W.D.	1510017 001	SPREAD WELLFIELD OUT. OTHER - DESIGN AND CONSTRUCTION	1998	\$3,925,000
	O	C	26723	ATASCADERO MUTUAL WATER CO	4010002 002	Develop additional wells for new and replacement water supply.	1999	\$1,500,000
	O	C	26723	ATASCADERO MUTUAL WATER CO	4010002 003	Water well recovery system, distribution, and blending facility.	2001	\$775,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	26280	Suisun City	4810005 001	Modify distribution system.	1998	\$214,000
	O	C	26000	Mission Springs WD	3310008 004	Design and construction of 875+ new copper water service laterals to meet the WWS.	1998	\$590,000
	O	C	25200	PASO ROBLES WATER DEPARTMENT	4010007 001	Propose building a 4 million gallon storage tank on the east side of town	1998	\$3,500,000
	O	C	24907	Alco Water Service	2710001 001	Install disinfection facilities & equipment at six well sites.	1998	\$30,000
	O	C	24565	SAN FERNANDO-CITY, WATER DEPT.	1910143 005	Recondition well column and casing. Clean well screens and replace pump/motor. Project involves: Design to solve problem and Construction	2000	\$85,000
	O	C	24562	SOUTH PASADENA-CITY, WATER DEPT.	1910154 004	Install chlorination equipment, safety systems and chlorination buildings at Grand Reservoir. Project involves: Design, and Construction	1998	\$500,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 009	REPLACEMENT OF WATER MAIN AND CONSTRUCTION OF A BOOSTER PUMP STATION TO REDUCE MAINTENANCE.	1999	\$1,250,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 012	INSTALL WATER MAINS TO IMPROVE FIRE PROTECTION AND IMPROVE OUR ABILITY TO FILL THE EXISTING WATER TANK.	1999	\$350,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 006	UPGRADE EXISTING BOOSTER STATION TO ELIMINATE FREQUENT MAINTENANCE.	2000	\$200,000
	O	C	24381	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 019	CONSTRUCT A 1.6 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE	2002	\$1,680,000
	O	C	24316	East Niles CSD	1510006 002	Drill a new well to a different depth and seal all but selected zone.	2003	\$300,000
	O	C	23530	CALIFORNIA WATER SERVICE CO - WESTLAKE	5610016 001	Design and construct a booster station on the outlet of this reservoir	1999	\$235,000
	O	C	23247	Arcade WD - North Highlands	3410025 002	Replace with larger diameter water mains. Involves design and construction.	1998	\$7,700,000
	O	C	22000	PORT HUENEME WATER DEPT	5610009 002	Remove the elevated water storage tank and replace the operational controls for the wells with programmable logic controllers and one variable speed drive. The water distribution system capacity and reliability will be improved during a water outage	1998	\$80,000
	O	C	21949	Valley Center MWD	3710026 002	Construct pressure filtration plant.	2000	\$6,000,000
	O	C	21734	HI DESERT WD	3610073 001	Accelerate 12 year replacement plan to 2 years	1998	\$10,000,000
	O	C	21500	City of Millbrae	4110018 004	Design and construct 2 MG water storage reservoir for low elevation service area.	2002	\$2,500,000
	O	C	21000	City of Brentwood	0710004 010	Replace the valves currently used with electrically operated ones.	1998	\$30,000
	O	C	21000	City of Brentwood	0710004 017	Connect well #9 to the city water distribution.	1998	\$250,000
	O	C	21000	City of Brentwood	0710004 016	Install equipment at each well site for chloramination in order to have our well water be compatible with the Randall-Bold treated water	1998	\$450,000
	O	C	21000	City of Brentwood	0710004 015	Obtain and install a SCADA system to insure automated notification of system problems/	1999	\$500,000
	O	C	21000	City of Brentwood	0710004 014	Replace approximately 3500 outdated leaking inaccurate and unreliable meters.	1999	\$1,400,000
	O	C	21000	City of Brentwood	0710004 007	Sealing of shallow wells to eliminate the possibility of contamination.	1999	\$1,150,000
	O	C	20835	Corcoran, City of	1610004 001	IDENTIFY NEW WELL FIELD, PURCHASE LAND AND WATER RIGHTS.	1998	\$250,000
	O	C	20835	Corcoran, City of	1610004 003	INSTALL A 2 MG RESERVOIR AT BOOSTER STATION 3. OTHER - DESIGN AND CONSTRUCTION	1998	\$960,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	20835	Corcoran, City of	1610004 004	NEW WATER SYSTEM MASTER PLAN	1998	\$100,000
	O	C	20835	Corcoran, City of	1610004 007	INSTALL WATER STORAGE AND BOOSTER SYSTEMS, INCLUDING 1 MG RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,200,000
	O	C	20835	Corcoran, City of	1610004 006	INSTALL METER SYSTEM WIDE. OTHER - DESIGN AND CONSTRUCTION	1998	\$1,800,000
	O	C	20434	Valley of the Moon Water District	4910013 001	Construct additional wells.	1998	\$350,000
	O	C	20181	LOMITA-CITY, WATER DEPT.	1910073 001	A water treatment plant to enable the city to use the well water is needed. (additional supporting detail will follow) Project involves: Design, and Construction	1999	\$1,000,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002 001	Replace all control valves and meters on the pressure filters at the Hill Street Treatment Plant.	1998	\$25,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002 005	Drill new well.	1998	\$75,000
	O	C	18850	Bay Point-Southern California Water Co.	0710002 003	Repair of Aluminum and Caustic Soda chemical containment enclosures at the Hill Street Treatment Plant.	1998	\$75,000
	O	C	18232	CalAm - Rosemont	3410034 001	Keifer Blvd/City of Sacramento interconnection. Involves design and construction.	1998	\$1,050,000
	O	C	18232	CalAm - Rosemont	3410034 003	Replace Montezuma well. Involves design and construction.	1998	\$600,000
	O	C	18200	Marina Coast Water District	2710017 003	Construct a 4,500 linear foot pipeline to supplement existing water line	2001	\$300,000
	O	C	18200	Marina Coast Water District	2710017 001	Replace inadequate 300,000 gallon reservoir to meet current and planned demands	2001	\$900,000
	O	C	18200	Marina Coast Water District	2710017 006	Complete feasibility study of system infrastructure to identify corrective action to solve problem	2002	\$100,000
	O	C	18200	Marina Coast Water District	2710017 002	Replace Bayer Tank	2002	\$650,000
	O	C	18200	Marina Coast Water District	2710017 005	Complete feasibility study of system infrastructure to identify corrective action to solve problem	2002	\$100,000
	O	C	18200	Marina Coast Water District	2710017 004	Conduct storage tank inspections and develop feasibility study	2002	\$75,000
	O	C	17800	MONTECITO WATER DIST	4210007 001	Replace pipelines and install pump station.	1998	\$5,100,000
	O	C	17800	MONTECITO WATER DIST	4210007 003	Construct pump station and additional piping.	1998	\$770,000
	O	C	17800	MONTECITO WATER DIST	4210007 005	Rehab tunnel.	1999	\$725,000
	O	C	17500	Orange Vale Water Company	3410016 001	Build an above ground storage facility and install water meters.	2000	\$0
	O	C	17334	City of Hollister	3510001 001	Construct a surface water treatment plant and delivery system to utilize the Central Valley Project Waer that is locally available.	1998	\$10,800,000
	O	C	17300	City of Livermore	0110011 001	Add two elevated storage reservoirs, associated piping and pump station to system.	1998	\$10,000
	O	C	16900	Coastside County Water District	4110011 001	This project will replace 3,300 lineal feet of 12" transmission pipeline with 24" ductile iron pipeline.	1998	\$800,000
	O	C	16900	Coastside County Water District	4110011 002	Replace 2,300 lineal feet of existing 12" welded steek transmission pipeline with12" ductile iron pipeline.	1998	\$500,000
	O	C	16900	Coastside County Water District	4110011 003	Replace existing 10 inch diameter pipeline with a 16 inch pipeline.	1999	\$2,500,000
	O	C	16800	Coalinga-City	1010004 001	RETAIN A CONSULTING ENGINEER TO STUDY THE ADEQUACY OF THE DISTRIBUTION SYSTEM.	1998	\$100,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	16500	CITY OF ADELANTO	3610001 001	Construct SWTP to treat water from the aqueduct	2002	\$24,000,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245 001	Construct replacement well near spreading grounds. Conduct tracer study to determine travel times of recycled water.	2001	\$1,250,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245 002	Reinstall 85 feet of sewer main within a steel casing to maintain a 50 foot separation.	2003	\$25,000
	O	C	16450	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245 003	Construct new well to replace Well 304.	2003	\$800,000
	O	C	16115	ARROYO GRANDE, WATER DEPARTMENT	4010001 001	Analysis, design and construction of a new water storage reservoir no.1	1998	\$2,095,300
	O	C	16000	OAK PARK WATER SERVICE	5610043 001	Seismic upgrades for tanks and aquifer storage approx. 1,000 acre feet where no wells currently exists.	1998	\$2,000,000
	O	C	15687	Avenal, City of	1610002 004	INSTALL A NEW PRESSURE PIPELINE TO PROVIDE EMERGENCY/BACKUP SYSTEM AND FUTURE WATER SUPPLY TRANSMISSION SYSTEM AS GROWTH REQUIRES. OTHER - DESIGN AND CONSTRUCTION	1998	\$4,260,000
	O	C	15687	Avenal, City of	1610002 005	INTERIOR AND EXTERIOR SURFACES OF THE WATER STORAGE TANDS WOULD BE SANDBLASTED AND CLEANED WITH EXISTING CATHODIC PROTECTION SYSTEMS WOULD BE INSPECTED AND REPLACED AS NEEDED. OTHER - DESIGN AND CONSTRUCTION	1998	\$570,000
	O	C	15030	Ukiah, City of	2310003 002	Expand existing surface water treatment plant to be able to treat water produced by three wells that may be under the direct influence of surface water	2003	\$3,000,000
	O	C	14750	Rio Linda/Elverta Community Water Dist	3410018 003	Refinance.	1998	\$8,000,000
	O	C	14349	ROSAMOND CSD	1510018 003	DRILL WELL, INSTALL MOTOR, AND CONNECTING LINES TO EXISTING SYSTEMS	1998	\$200,000
	O	C	14302	Riverbank, City of	5010018 001	DRILL NEW WELL(S) ON REMOTE SITE AND CONSTRUCT STORAGE TANK(S).	1998	\$1,500,000
	O	C	13277	City of Red Bluff	5210004 001	Hire a computer water system consultant to improve existing model.	1998	\$20,000
	O	C	13277	City of Red Bluff	5210004 014	Replace 6" waterline.	1998	\$30,000
	O	C	13277	City of Red Bluff	5210004 010	Install a new well to supplement existing system.	1998	\$200,000
	O	C	13277	City of Red Bluff	5210004 012	Replace 6" waterline.	1998	\$30,000
	O	C	13277	City of Red Bluff	5210004 013	Replace 6" waterline.	1998	\$20,000
	O	C	13277	City of Red Bluff	5210004 015	Replace 6" waterline.	1998	\$20,000
	O	C	13277	City of Red Bluff	5210004 007	Drill and construct a new well near the 3MG reservoir.	1998	\$200,000
	O	C	13277	City of Red Bluff	5210004 002	Complete redesign and installation of SCADA system.	1999	\$252,400
	O	C	13216	Shafter, City of	1510019 002	CONSTRUCT NEW WELL TO REPLACE WELL #10. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
	O	C	13067	GROVER BEACH WATER DEPARTMENT	4010004 001	Repair and replace corroded members including floor, sandblast and recoat, new cathodic protection	1998	\$350,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	13042	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 005	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	13003	NORWALK - CITY, WATER DEPT.	1910191 003	Treatment of the well would be done on the well site. Because 1,2-dichloroethane can be difficult to remove, treatment methods need to be evaluated in order to select the most appropriate treatment method. The Water Replenishment District of Southern Ca	2001	\$250,000
	O	C	12771	JOSHUA BASIN CWD	3610025 001	Construct Surface Water Treatment Plant to minimize overdraft of groundwater basin	1998	\$2,200,000
	O	C	12771	JOSHUA BASIN CWD	3610025 003	Construct 0.3 MG reservoir	1998	\$300,000
	O	C	12771	JOSHUA BASIN CWD	3610025 002	Construct 0.5 MG reservoir	1999	\$450,000
	O	C	11826	Newhall CWD-Newhall	1910096 001	The proposed 30-inch diameter San Fernando Road pipeline 11,000' will reduce friction loss between the well field and Tank 9 and thereby increase well production. This line will also be dedicated pipeline to Tank 9 and thereby provide blending capac	1998	\$2,000,000
	O	C	11046	BALDY MESA CWD	3610010 001	Construct 10 MGD surface water treatment plant	1999	\$43,884,600
	O	C	10755	Yuba City Groundwater-Region 2-3	5110003 001	Construct two new wells and 4,000 feet of 12" pipeline. Possibly iron and manganese treatment for the new wells.	1998	\$647,900
	O	C	10500	Riverview WD	3710030 001	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$50,000
	O	C	10500	Riverview WD	3710030 002	Studies are required to completely define the problem.	1998	\$100,000
	O	C	10500	Riverview WD	3710030 008	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$100,000
	O	C	10500	Riverview WD	3710030 007	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$750,000
	O	C	10500	Riverview WD	3710030 004	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$175,000
	O	C	10500	Riverview WD	3710030 005	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
	O	C	10500	Riverview WD	3710030 006	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	1998	\$25,000
	O	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 001	Construct 6 new reservoirs and 4 new wells	1998	\$4,400,000
	O	C	10318	SBDNO COUNTY SERVICE AREA 70L	3610120 007	Construct treatment plant to treat water from the aqueduct	2002	\$10,500,000
	O	C	10300	City of Fortuna	1210006 002	Reconstruct tank in existing location-demolish old tank in build new 500,000 gal concrete tank.	2005	\$590,000
	O	C	10032	SCWMD - Arden Park Vista	3410002 006	Perform an engineering study to define a main replacement program.	1998	\$100,000
	O	C	10032	SCWMD - Arden Park Vista	3410002 009	Construct main replacement project. Involves design and construction.	1998	\$2,000,000
	O	C	10032	SCWMD - Arden Park Vista	3410002 008	Acquire site for 250,000 gallon storage tank and booster station.	1998	\$100,000
	O	C	10032	SCWMD - Arden Park Vista	3410002 007	Design and construct a 250,000 gallon storage tank and booster station.	1998	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 003	INSTALL NEW VALVES AND WATER METERS	1998	\$52,430
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 006	REPAIR AND REPLACE EXISTING VALVES	1998	\$44,500
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 005	SUPPLY CATHODIC PROTECTIONS FOR WELLS	1998	\$43,525
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 001	SANDBLAST AND RECOAT INTERIOR AND EXTERIOR OF THE RESERVOIRS.	1998	\$1,244,000
	O	C	10000	PETER PITCHESS HONOR RANCHO. LA CO. SHER	1900046 002	INSTALL PIPING TO CONNECT THE 2 RESERVOIRS	1998	\$296,250
	O	C	9977	CITY OF LATHROP	3910015 002	Replace distribution lines as required and drill new well.	2002	\$3,000,000
	O	C	9920	Nevada ID - Loma Rica	2910006 003	Replace faulty material with standard waterworks pipeline. Involves design and construction.	1998	\$895,000
	O	C	9920	Nevada ID - Loma Rica	2910006 006	Add 3.0 MG storage tank. Involves design and construction.	1998	\$1,800,000
	O	C	9920	Nevada ID - Loma Rica	2910006 009	Rehabilitate pump station and add redundancy. Involves design and construction.	1998	\$120,000
	O	C	9920	Nevada ID - Loma Rica	2910006 005	Replace with standard water main materials. Involves design and construction.	1998	\$80,000
	O	C	9920	Nevada ID - Loma Rica	2910006 010	Add 1.6 MG storage tank at David Way and abandon Cherry Creek tank. Involves design and construction.	1998	\$1,200,000
	O	C	9920	Nevada ID - Loma Rica	2910006 002	Replace existing equipment with new dual-feed lime silo and spill contaminant wall. Involves design and construction.	1998	\$190,000
	O	C	9920	Nevada ID - Loma Rica	2910006 007	Add a second transmission main into the Alta Sierra System. Involves design and construction.	2000	\$1,400,000
	O	C	9920	Nevada ID - Loma Rica	2910006 004	Add second transmission main through Cedar Ridge. Involves design and construction.	2001	\$740,000
	O	C	9747	SIGNAL HILL - CITY, WATER DEPT.	1910149 009	Remove and replace old cast iron pipelines with Class 52 Ductile Iron pipe.	1998	\$384,000
	O	C	9527	CHANNEL ISLANDS BEACH CSD	5610039 001	Desalination treatment plant, storage Reservoir and State Water connection	1998	\$4,000,000
	O	C	9527	CHANNEL ISLANDS BEACH CSD	5610039 002	Decommission three wells.	2000	\$60,000
	O	C	9500	MAYWOOD MUTUAL WATER CO. #3	1910086 001	Design and construct a replacement well	1999	\$350,000
	O	C	9462	American Canyon, City of	2810005 003	Construction of minimum two MGPD treatment plant.	2001	\$3,500,000
	O	C	9284	Sonoma, City of	4910012 001	Relocate tank to higher elevation in order to serve certain area of system. Project would include site assessment, acquisition, tank construction, system line-up and possible booster pump construction.	1998	\$500,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004 004	Add second transmission main into the Oaks area.	1998	\$210,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004 002	Add a new raw water pump station at D.S. canal and transmission pipeline to Banner.	1998	\$885,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004 003	Replace distribution system and service line with standard waterworks materials.	2000	\$390,000
	O	C	8800	Nevada ID - E. George, Banner Mountain	2910004 001	Replace pipeline.	2001	\$7,000,000
	O	C	8616	Exeter, City of	5410003 001	DBCP treatment or construct a new well	2001	\$300,000
	O	C	8460	Florin County Water District	3410033 002	Transmission mains to convey treated water from centralized treatment plant.	1998	\$0
	O	C	8460	Florin County Water District	3410033 003	Transmission mains for conjunctive use distribution.	1998	\$0
	O	C	8460	Florin County Water District	3410033 001	Rehabilitation and replacement of aged and antiquated system.	1998	\$0
	O	C	8300	Fort Bragg, City of	2310001 002	Replace 4000 L.F. of raw water transmission line and upgrade pumps and pumping station.	1999	\$540,000
	O	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020 001	Replace liner and upgrade piping and inlet/outlet.	1998	\$1,500,000
	O	C	8298	Santa Ynez River Water Cons. Dist. ID#1	4210020 004	Implement slope stabilization measures necessary to control embankment creep below the reservoir and reservoir reconditioning.	1999	\$2,500,000
	O	C	8200	SOUTHERN CALIFORNIA WATER CO - OJAI	5610014 001	Electrical upgrades at the San Antonio and Gorham well	1998	\$300,000
	O	C	8076	Imperial, City of	1310006 002	Design and construct sludge removal improvements and filter improvements.	1998	\$1,500,000
	O	C	7500	TRACT 349 MUTUAL WATER CO.	1910160 001	Enlarge our pump stations' pumping capacity and add new IMG reservoir. Project involves: Design to solve problem, and Construction	1998	\$950,000
	O	C	7500	LA PUENTE VALLEY CWD	1910060 007	Replace existing reservoir with 250,000 gal. steel reservoir. Project involves: Design to solve problem, and Construction	2001	\$500,000
	O	C	7478	NEWHALL CWD-PINETREE	1910250 003	Construct 9,000 feet of 16-inch diameter pipeline from Oak Springs Boulevard to Pinetree storage tank (See Exhibit) Project involves: Design to solve problem, and Construction	1998	\$1,575,000
	O	C	7478	NEWHALL CWD-PINETREE	1910250 002	Install pump, motor, and electrical equipment to pump 800 gpm from Well No. 1 and discharge piping to Soledad Canyon Road. Project involves: Design to solve problem, and Construction	1998	\$250,000
	O	C	7412	California-American Larkfield	4910023 001	Improvements to existing water treatment plant.	1998	\$210,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121 001	Construct 1 MG reservoir	1998	\$400,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121 002	Provide a standby power generator to operate production well #6	2000	\$50,000
	O	C	7268	SBDNO COUNTY SERVICE AREA 64	3610121 003	Enhance ability to operate and monitor unattended sites throughout water distribution system	2000	\$100,000
	O	C	7000	North of the River MWD	1510041 001	A new water line to transport this water to a point where it can be blended with better quality water. OTHER- Design and Construction.	1998	\$1,600,000
	O	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015 002	Annexation of area into CV water district	1999	\$1,815,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	6500	CAMBRIA COMM SERVICES DIST	4010014 004	Seawater desalination plant with beach wells	1999	\$10,000,000
	O	C	6500	CAMBRIA COMM SERVICES DIST	4010014 005	Provide alternate temporary routing of the pipeline during construction and replacement of at least 300 ft. of pipeline.	1999	\$150,000
	O	C	6412	TUD - Crystal Falls Water System	5510010 004	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 002	Replace section of canal with pipeline. Involves design and construction.	1998	\$550,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 003	Relocate siphon around washout. Involves design and construction.	1998	\$170,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 004	Add a second pump. Involves design and construction.	1998	\$45,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 005	Add a second pump. Involves design and construction.	1998	\$95,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 001	Encase and armor canal headworks. Project involves design and construction.	1999	\$280,000
	O	C	6380	Nevada ID - Lake Wildwood	2910023 008	Replace redwood tank with welded steel tank. Involves design and construction.	2000	\$180,000
	O	C	6250	City of Winters	5710005 002	Construct physical connections between zones and change existing one speed motors to variable speed, install telemetry and remove contaminated well once zones are connected.	1998	\$650,000
	O	C	6250	City of Winters	5710005 001	Install service meters, purchase meter testing and reading equipment. Perform rate study with recommendations for rates and conservation measures.	1999	\$450,000
	O	C	6250	City of Winters	5710005 003	Replace existing distribution and transmission lines with new mains. Replace all pipes with leaded joints and replace service lines where mains are replaced.	1999	\$1,500,000
	O	C	6091	DELHI CWD	2410006 003	INSTALL WELL HEAD TREATMENT TO REMOVE NITRATES.	1998	\$400,000
	O	C	6044	CAL. CITIES - LOS OSOS	4010017 001	Groundwater Management Plan	1998	\$10,000
	O	C	6044	CAL. CITIES - LOS OSOS	4010017 002	Water sampling stations (6)	1998	\$30,000
	O	C	6000	BIG BEAR CITY CSD	3610008 005	Design reclamation facility to replace potable water used for habit	1998	\$500,000
	O	C	6000	BIG BEAR CITY CSD	3610008 006	Construct fluoride removal system	2004	\$100,000
	O	C	5429	CAWC - Montara	4110010 011	Replace and upgrade school house tank building.	1998	\$393,000
	O	C	5429	CAWC - Montara	4110010 010	Controls and instrumentation	1998	\$47,000
	O	C	5429	CAWC - Montara	4110010 012	School house tank site additional 650,000.	1998	\$405,000
	O	C	5275	City of Live Oak	5110001 003	The installation of telemetry lines and continuous monitoring instrumentation (e.g. flow, pressure, and chlorination) for each well would allow the City to provide safe and dependable water service.	1998	\$25,000
	O	C	5275	City of Live Oak	5110001 008	Solution requires determination of the causes of poor water quality for design and construction of improvements.	1998	\$50,000
	O	C	5275	City of Live Oak	5110001 007	The replacement of existing pumps with variable speed pumps will prolong the life of the system and reduce energy and maintenance costs.	1998	\$100,000
	O	C	5275	City of Live Oak	5110001 009	The automation of existing and future meters will allow the City to direct its scarce resources to other water enterprise improvements.	1999	\$75,000
	O	C	5195	California Cities Water Company	1710002 005	Install cathodic protection in the treatment plant's clearwell.	1998	\$20,000
	O	C	5195	California Cities Water Company	1710002 002	GAC in contactor #2 will be replaced with regenerated GAC.	1998	\$25,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	5190	Calistoga, City of	2810002 007	Drain and clean tank, recoat with epoxy, clean outside of tank and paint.	1998	\$100,000
	O	C	5190	Calistoga, City of	2810002 009	Install inflatable spillway barrier to allow releasing water safely if major storm hit.	1999	\$100,000
	O	C	5190	Calistoga, City of	2810002 010	Relocate pump station to area not impacted by floods.	1999	\$100,000
	O	C	5190	Calistoga, City of	2810002 008	Relocate new main along roadway.	2000	\$1,000,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 008	Replace all steel lines with PVC.	1998	\$399,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 004	Replace all steel lines with PVC.	2000	\$197,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 005	Drain and inspect tanks and determine the best way to fix the problem.	2001	\$200,000
	O	C	5000	WESTERN HEIGHTS WATER COMPANY	3610053 001	Construct new well	2002	\$765,335
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 006	Drain and inspect tanks and then determine the best ways to fix the problem.	2002	\$100,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 007	Pulled Well No. 9 and determined the best way to fix the problem is to replace liner.	2002	\$60,000
	O	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 002	Installed On-site chlorine generation system to meet the County requirements.	2002	\$150,000
	O	C	4840	Nevada ID - Lake of Pines	2910014 002	Replace both redwood tanks with welded steel tank.	1999	\$420,000
	O	C	4740	Nevada ID - North Auburn	3110026 002	Install temporary shoring, patch cracks and holes, relocate system pumps, and replace roof. Involves design and construction.	1998	\$560,000
	O	C	4740	Nevada ID - North Auburn	3110026 001	Add flash mix equipment. Involves design and construction.	1998	\$215,000
	O	C	4740	Nevada ID - North Auburn	3110026 003	Add 3.0 MG storage tank. Involves design and construction.	1999	\$1,700,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112 001	Construct telemetry system	1998	\$150,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112 002	Drill three new wells	2000	\$260,000
	O	C	4717	SBDNO COUNTY SERV. AREA 70C	3610112 004	Enhance ability to operate and monitor sites by a new telemetry system	2000	\$0
	O	C	4715	SBDNO COUNTY SERVICE AREA 70J	3610125 001	Construct 4 new reservoirs and 3 new wells	1998	\$3,100,000
	O	C	4715	SBDNO COUNTY SERVICE AREA 70J	3610125 006	Install a new telemetry system to monitor the system for automatic control and alarms	2000	
	O	C	4715	SBDNO COUNTY SERVICE AREA 70J	3610125 007	Construct treatment plant to treat water from the aqueduct.	2002	\$10,500,000
	O	C	4696	TUD - COLUMBIA	5510013 004	CONSTRUCT IMPROVEMENTS AND REPAIRS TO THE INTAKE STRUCTURE.	1998	\$74,000
	O	C	4696	TUD - COLUMBIA	5510013 006	INSTALL PARTICLE COUNTERS	1999	\$18,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	4696	TUD - COLUMBIA	5510013 001	PIPE APPROXIMATELY 800 FEET OF DITCH AND GUNITE LINE APROXIMATELY 2000 FEET OF DITCH.	1999	\$78,000
	O	C	4696	TUD - COLUMBIA	5510013 002	CONSTRUCT RESERVOIR IMPROVEMENTS AND PIPE THE MATELOT DITCH TO PROVIDE SOURCE WATER PROTECTION.	1999	\$1,210,000
	O	C	4610	TUD-UPPER BASIN	5510012 010	INSTALL PARTICLE COUNTERS.	1999	\$18,000
	O	C	4600	Lakeport, City of	1710004 001	Increase CT at well facilities by increasing storage.	1998	\$600,000
	O	C	4500	Konocti County Water District	1710006 003	Replace with 12 inch PVC pipe.	1998	\$600,000
	O	C	4400	Murrieta County Water District	3310036 001	Replace aging wells and develop three new ones according to general site location in Master Plan. (No shortages or water outages reported as of 11/01.)	2002	\$1,500,000
	O	C	4400	Murrieta County Water District	3310036 002	Construct a series of storage tanks to meet curretn and rapidly growing needs. (No shortages or outages reported as of 11/01.)	2002	\$4,200,000
	O	C	4280	CalAm - Arden	3410045 001	Connect Ethan Way to City of Sacramento. Involves design and construction.	1998	\$250,000
	O	C	4203	CAL. CITIES - NIPOMO	4010018 001	Groundwater Management Plan	1998	\$5,000
	O	C	4000	PLANADA CSD	2410007 001	REPLACE THE DEFECTIVE SERVICES LINES WITH NEW LINES.	1998	\$50,000
	O	C	4000	Brooktrails Township CSD	2310009 002	Build Backwas Pond's recycle backwash water to Lake Ada Rose or plumb backwash water into sewer.	2003	\$130,000
	O	C	3800	Weaverville C.S.D.	5310001 007	Construct water main intertie between West Weaver Creek and East Weaver Creek pressure zone. Refurbish PRV station.	1998	\$29,000
	O	C	3800	Weaverville C.S.D.	5310001 004	Replace the open ditch with approximately 5,500 feet of 8-inch water main.	1999	\$220,000
	O	C	3800	Weaverville C.S.D.	5310001 006	Replace water mains.	2000	\$446,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 003	Drill new well	1998	\$125,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 004	Drill new well	1999	\$300,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 011	Construct 200k gallon reservoir	1999	\$160,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 001	Drill new well	2000	\$30,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 002	Drill new well	2001	\$90,000
	O	C	3733	RUNNING SPRINGS WATER DISTRICT	3610062 005	Drill new well	2002	\$100,000
	O	C	3710	ACWA Sutter Creek	0310003 004	Extend life of canal through improvements or replace with 8 mile pipeline.	2000	\$6,000,000
	O	C	3567	Millview County Water District	2310006 001	Drill new wells and raw water river crossing.	1998	\$200,000
	O	C	3362	LOS ANGELES CO WW DIST 37-ACTON	1910248 002	CONSTRUCT A 300,000 GALLON INTERMEDIATE TANK TO PROVIDE STORAGE.	1999	\$3,040,000
	O	C	3320	City of Williams	0610004 003	Replace existing sand traps on wells.	1998	\$45,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	3313	San Joaquin County-Mokelumne Acres	3910017 001	DRILL NEW WELLS TO REPLACE CONTAMINATED WELLS. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,500,000
	O	C	3300	Seaside Municipal Water System	2710018 004	Install on-site generator at well #3.	1998	\$75,000
	O	C	3300	Keyes Community Services Dist.	5010009 002	INSTALL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$150,000
	O	C	3300	Seaside Municipal Water System	2710018 005	Drill new well. Also, will need pumphouse, emergency power, new connections, etc.	1999	\$850,000
	O	C	3300	Glenshire Mutual Water Company	2910036 002	Design, build and install pressure filter unit that will remove arsenic to below 5ppb.	2001	\$200,000
	O	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 003	CONSTRUCT ABOUT 3,000 FT. OF PIPELINE ALONG ROMERO CANYON ROAD TO PROVIDE A LOOP SYSTEM INTO THE TANK AND ALLEVIATE THE DEAD END PROBLEM.	2000	\$300,000
	O	C	3270	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 006	INSTALLATION OF EMERGENCY GENERATORS AT TWO CRITICAL PUMP STATIONS.	2001	\$200,000
	O	C	3239	Armona Community Services Dist	1610001 003	INSTALL A SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$80,000
	O	C	3239	Armona Community Services Dist	1610001 001	INSTALL TWO NEW STORAGE TANKS. OTHER - DESIGN AND CONSTRUCTION	1998	\$400,000
	O	C	3200	Meadow Vista County Water Dist	3110009 001	Replace 16,000 feet with 8 inch pipe.	1998	\$560,000
	O	C	3196	Sutter Community S.D.	5110007 001	Construct one million gallon storage tank. Installation of three standby power units. Replace 2,100 lineal feet of 6" water line and 31 water service laterals.	1998	\$888,000
	O	C	3153	Box Springs Mutual WC	3310004 002	Installation of biological denitrification system	1998	\$1,100,000
	O	C	3000	Lake Almanor Country Club MWC	3210006 001	Replace existing water mains that are corroded and undersized along with service laterals.	1998	\$4,000,000
	O	C	3000	Lukins Brothers Water Company	0910007 004	Install tank with supply pump and generator at Well 4.	1998	\$400,000
	O	C	3000	ALPINE WATER USERS ASSOCIATION	3610002 001	Refinance	1998	\$1,900,000
	O	C	3000	Lukins Brothers Water Company	0910007 005	Upgrade distribution	2002	\$500,000
	O	C	3000	Lukins Brothers Water Company	0910007 002	Install new lines.	2002	\$4,500,000
	O	C	2926	SLO CWD NO. 10 - CAYUCOS	4010025 002	REPLACE & RELOCATE APPROX. 1500 FEET OF 4 INCH LINE WITH 8 INCH LINE, INCLUDES RIGHT OF WAY ACQUISITION.	1999	\$80,000
	O	C	2926	SLO CWD NO. 10 - CAYUCOS	4010025 001	DESIGN & CONSTRUCT A WATER LINE REPLACEMENT PROGRAM	1999	\$300,000
	O	C	2795	SHEEP CREEK WATER COMPANY	3610109 001	Construct new source	1999	\$10,521,466
	O	C	2650	LAKE DON PEDRO C S D	5510008 001	INSTALL TWO NEW FILTER VESSELS WITH SURFACE WASH FACILITIES.	2000	\$180,000
	O	C	2568	Smith River C.S.D.	0810002 001	Repair stream bank.	1998	\$100,000
	O	C	2568	Smith River C.S.D.	0810002 002	Complete a mainline loop with approximately 1,100 feet of 8-inch pipe.	1999	\$70,000
	O	C	2500	MESA CREST WATER CO.	1910241 001	See attached recommendations. Project involves: Design to solve problem and Construction	1998	\$50,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	2500	MESA CREST WATER CO.	1910241 002	See attached recommendations. Project involves: Design to solve problem and Construction	1998	\$50,000
	O	C	2500	Mountain Gate C.S.D.	4510002 001	Install filter vessel; Chlorinate at source pumps, and upgrade existing pump controls.	1998	\$1,750,000
	O	C	2500	City of Portola	3210003 001	Replace deteriorated mainlines. Replace chlorination equipment. Install fire hydrants. Replace service laterals.	1999	\$774,000
	O	C	2458	Clearlake Oaks County Water District	1710001 002	Install new 500,000 gal clearwell.	1998	\$500,000
	O	C	2316	Chester Public U.D.	3210009 001	Replace 3,600 feet of 4" mains with 6" mains.	1999	\$90,000
	O	C	2316	Chester Public U.D.	3210009 002	Drill and develop at least one additional well including land purchase, pump, and controls.	2002	\$250,000
	O	C	2300	FRAZIER PARK PUD	1510007 002	Develop and implement an infrastructure replacement plan.	2002	\$11,000,000
	O	C	2300	Aromas Water District	3510004 002	Drill a new well	2002	\$450,000
	O	C	2275	City of Wheatland	5810004 002	Install new PVC mains, 9300 feet total.	1998	\$500,000
	O	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015 003	Construct 2,500 LF of 12-inch water line to replace existing 6 inch CML steel water line.	1999	\$182,000
	O	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015 004	Construct a 4,500 LF of 10-inch water line to replace existing 8-inch CI water line.	1999	\$297,000
	O	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015 006	Construct 2,200 LF of 8-inch water lines to replace existing water lines.	2000	\$131,000
	O	C	2236	VENTURA CWWD NO. 19 - SOMIS	5610015 007	Construct 8,300 LF of 8-inch water line to replace existing water lines.	2001	\$493,000
	O	C	2229	Cabazon County WD	3310047 002	See attachment B	1998	\$1,800,000
	O	C	2200	Nice Mutual Water Company	1710008 001	To increase reliability, connect to Upper Lake CWD with 20,000 ft of 8 to 12 inch pipe and booster pump station.	1998	\$1,900,000
	O	C	2200	Nice Mutual Water Company	1710008 002	Purchase and install an electric generator set at the WTP site.	1998	\$80,000
	O	C	2200	Nice Mutual Water Company	1710008 003	Modify WTP piping to relocate pumps and motor controls above elevation 1332 ft.	1998	\$240,000
	O	C	2200	Nice Mutual Water Company	1710008 004	Design and construct an automatic filter effluent system and corrosion control system.	1998	\$100,000
	O	C	2200	TERRACE WATER CO	3610048 001	Replace pipeline	2003	\$750,000
	O	C	2178	Coachella VWD: I.D. NO. 11	1310011 004	Replace distribution pipelines to prevent contamination caused by leaks or breaks in the pipelines.	2002	\$2,000,000
	O	C	2115	TUD-Tuolumne City	5510003 006	INSTALL PARTICLE COUNTERS	1999	\$18,000
	O	C	2063	MARIPOSA PUBLIC UTILITY DIST	2210001 001	RELOCATE THE AIR VENTILATION SYSTEM AND CONSTRUCT A CONCRETE ENCASEMENT AROUND EXPOSED CONDUITS.	1998	\$163,000
	O	C	2059	CRESTVIEW MUTUAL WATER CO	5610058 001	Add secondary treatment of either ozone or biological filtration to remove TOC & color.	2000	\$600,000
	O	C	2025	Lower Lake County Water District	1710010 004	Replace clearwell with 100K steel tank with bolted and locked lids.	1999	\$70,000
	O	C	2025	Lower Lake County Water District	1710010 007	Cache Creek intake, microfiltration unit and recharge well.	2003	\$2,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	2000	North Marin WD - Pt. Reyes	2110006 018	Make modifications to chlorine feed system to make permanent.	1998	\$25,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 017	Plant improvements adding proportional chemical feed pumps and additional automation.	1998	\$40,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 011	Construct new tank at same site.	1998	\$17,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 010	Replace Olema tank.	1998	\$80,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 008	Additional storage.	1998	\$0
	O	C	2000	North Marin WD - Pt. Reyes	2110006 006	Study of storage needs	1998	\$10,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 003	Design and construct transmission line to treatment facility from upstream well site.	1998	\$350,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 002	Additional new well.	1998	\$56,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 001	Additional storage.	1998	\$300,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 019	Balance system with an identical large filter and removing small.	1999	\$38,300
	O	C	2000	North Marin WD - Pt. Reyes	2110006 005	Pipeline replacements.	1999	\$15,000
	O	C	2000	BORON CSD	1510002 004	CONSTRUCT 1 MG STORAGE TANK FOR ADDITIONAL BLENDING CAPACITY	1999	\$410,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 014	Develop a wellhead protection.	2000	\$10,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 007	Improve Bear Valley pump station.	2000	\$55,000
	O	C	2000	BORON CSD	1510002 003	CHLORINATION FACILITY FOR TWO WELLS	2001	\$8,500
	O	C	2000	BORON CSD	1510002 001	TREATMENT PLANT FOR ARSENIC	2002	\$660,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 024	Alarms and redundancy could prevent future events. SCADA controls and additional backup pumps proposed.	2002	\$200,000
	O	C	2000	North Marin WD - Pt. Reyes	2110006 009	Design and construct new storage facilities to replace redwood.	2002	\$350,000
	O	C	1923	City of Dunsmuir	4710002 002	Infiltration and inflow study, design repairs, construct storage	2003	\$1,500,000
	O	C	1905	Strathmore Public Util Dist	5410012 003	INSTALLA TRAVELING WATER SCREEN IN THE EXISTING CANAL STRUCTURE.	1998	\$110,000
	O	C	1879	Quincy Community S.D.	3210004 001	New well and spring transmission line replacement.	1998	\$1,500,000
	O	C	1879	Quincy Community S.D.	3210004 002	Install new water mains, valves, meters, hydrants	2002	\$1,300,000
	O	C	1861	TUD - Ponderosa	5510002 003	UPGRADE THE PLANT, ADD ANOTHER CLARIFIER AND FILTER, AND INSTALL MONITORING EQUIPMENT.	1999	\$470,000
	O	C	1800	Cobb Area County Water District	1710012 001	Bring in contractor specializing in spring redevelopment.	1998	\$25,000
	O	C	1800	STALLION SPRINGS CSD	1510025 001	PROJECT GROWTH AND FULL USE OF THE RESORT WILL REQUIRE ANOTHER 100-200 GPM AND A 1 MG TANK	2000	\$2,000,000
	O	C	1740	YUCAIPA VALLEY CWD ID-1	3610054 005	Replace reservoir	2001	\$2,452,500
	O	C	1736	SCWMD Mather-Sunrise	3410704 003	Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000
	O	C	1736	SCWMD Mather-Sunrise	3410704 005	Rehabilitate treatment facility.	1998	\$300,000
	O	C	1736	SCWMD Mather-Sunrise	3410704 002	Replace service lines.	1998	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	1736	SCWMD Mather-Sunrise	3410704 001	Install additional distribution main to provide adequate fire flow capacity to the northeast part of the service area.	1998	\$165,000
	O	C	1725	Home Garden CSD	1610007 001	Remove rust and recoat tanks. Replace electric motor and pumps. OTHER - Design and Construction	1998	\$200,000
	O	C	1721	City of Biggs	0410001 001	replace water mains including hydrants, and generator	2003	\$875,000
	O	C	1700	WARRING WATER SERVICE INC	5610021 002	Repair and upgrade the reservoir.	1998	\$100,000
	O	C	1700	WARRING WATER SERVICE INC	5610021 003	Purchase the Ventura County Water Works District's domestic delivery system in Warring Water Service area and consolidate the system	1998	\$300,000
	O	C	1661	Lake Shastina Mutual W.C.	4710013 001	Install appropriate equipment at each groundwater source that would facilitate automatic chlorination when pumps come on line.	1998	\$45,000
	O	C	1621	CAL. CITIES - EDNA ROAD	4010023 002	Automation and telemetry-Country Club and Edna Road Reservoirs.	1998	\$80,000
	O	C	1621	CAL. CITIES - EDNA ROAD	4010023 001	Generator connections	1998	\$15,000
	O	C	1620	Caruthers Comm Serv Dist	1010039 005	INSTALL STANDBY GENERATOR AT WELL 3 LOCATION. OTHER - DESIGN AND CONSTRUCTION	1998	\$90,000
	O	C	1620	Caruthers Comm Serv Dist	1010039 004	INSTALL WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	1620	Caruthers Comm Serv Dist	1010039 001	INSTALL AUTOMATIC TRANSFER SWITCH TO STANDBY POWER AT WELL 4. INSTALL SAND SEPERATOR. OTHER - DESIGN AND CONSTRUCTION	1998	\$190,000
	O	C	1600	Pratt Mutual Water Co	5410033 001	INSTALL WATER METERS. OTHER -DESIGN AND CONSTRUCTION	1998	\$180,000
	O	C	1600	McCloud C.S.D.	4710006 003	Construct building foundation improvements and seal Upper and Lower Elk Springs.	2004	\$120,000
	O	C	1550	Fieldbrook C.S.D.	1210020 001	Install a water main, pump station and storage tank.	1998	\$1,000,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 002	Storage tank coating system repairs.	1998	\$115,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 005	Automate facility high service pumping operation and emergency warning.	1998	\$75,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 009	Surface water source upgrades.	1998	\$35,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019 001	Rehabilitation of Wells #1 & 2.	1998	\$70,000
	O	C	1500	RIO MANOR MUTUAL WATER CO	5610035 002	Facility replacements and improvements	1998	\$1,000,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 003	Construct additional treated water storage capacity	1999	\$250,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 006	Design and construct two new storage tanks to replace the existing tanks.	1999	\$120,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035 006	Extend distribution line from Larmona Drive to 1908 N. Kinneloa Canyon	1999	\$88,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035 003	Extend distribution line from 1900 Windover Road to 2090 Villa Heights.	1999	\$79,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035 005	Extend transmission line from 2090 Villa Heights Road to Crystal Lane.	1999	\$200,000
	O	C	1500	KINNELOA IRRIGATION DIST.	1910035 004	Extend distribution line from 3127 Doyne Road to Kinneloa Mesa Road.	1999	\$50,000
	O	C	1500	BELLFLOWER HOME GARDENS WC	1910012 002	Installation of 8 inch lines to the distribution system.	1999	\$335,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	1500	RIO MANOR MUTUAL WATER CO	5610035 001	Replace 4 inch diameter hydrants with 6 inch diameter. Install meters to reduce water usage.	1999	\$150,000
	O	C	1500	Pine Valley Mutual WC	3710039 004	Drilling of 2 additional wells to replace the above mentioned.	1999	\$250,000
	O	C	1500	Stinson Beach County Wtr Dist	2110004 008	Provide metal building cover over package plant treatment units.	2000	\$130,000
	O	C	1500	Bolinas Community PUD	2110005 001	Design and construction	2000	\$1,500,000
	O	C	1500	Garberville Water Co.	1210008 004	Install backup pump at the Eel River Infiltration Plant	2001	\$25,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019 003	Replace old well with new one.	2002	\$300,000
	O	C	1500	Squaw Valley Mutual Water Comp	3110019 002	Replace with new pipe.	2002	\$360,000
	O	C	1500	Esparto C.S.D.	5710007 002	Drill wells, construct water tanks.	2003	\$950,000
	O	C	1496	Poplar Comm Service Dist	5410026 001	DRILL NEW WELL AND INSTALL DISTRIBUTION LINES. OTHER - DESIGN AND CONSTRUCTION	1998	\$500,000
	O	C	1459	City of Montague	4710007 001	Construction of new 0.75 million gallon steel storage tank.	1998	\$250,000
	O	C	1411	Kettleman City CSD	1610009 004	SANDBLAST AND INSTALL INTERIOR COATING. OTHER - DESIGN AND CONSTRUCTION	1998	\$220,000
	O	C	1411	Kettleman City CSD	1610009 001	INSTALL UV DISINFECTION AND GAC FOR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	1998	\$260,000
	O	C	1405	MALAGA COUNTY WATER DISTRICT	1010042 002	NEW WATER SUPPLY WELL EAST OF THE COMMUNITY. OTHER - DESIGN AND CONSTRUCTION	1999	\$500,000
	O	C	1405	MALAGA COUNTY WATER DISTRICT	1010042 003	INSTALL SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1999	\$100,000
	O	C	1405	MALAGA COUNTY WATER DISTRICT	1010042 004	INSTALL NEW WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	1999	\$600,000
	O	C	1300	BASELINE GARDENS MWC	3610007 001	Purchase and install meters	1998	\$300,000
	O	C	1300	BASELINE GARDENS MWC	3610007 003	Recoat tank	1998	\$100,000
	O	C	1300	BASELINE GARDENS MWC	3610007 002	Purchase and install pressure tank and associated appurtenances to activate well 4	1998	\$100,000
	O	C	1300	CLOVERDALE MUTUAL WATER Co.	5610068 001	System facility replacements and improvements	1998	\$760,000
	O	C	1277	WHITE FENCE FARMS MUTUAL WATER CO. NO.1	1910249 002	Remove the existing coating by sand blasting to a near white profile and recoat with a NSF approved epoxy paint.	1998	\$20,000
	O	C	1236	Laton Community Services District	1010020 003	Install a standby generator on District's newest well.	2003	\$145,000
	O	C	1223	Redway C.S.D.	1210011 001	Increase storage capability by 270,000 gallons.	1998	\$350,000
	O	C	1200	Penngrove Water Company	4910003 002	Consolidate to Canon Manor system	2003	\$1,200,000
	O	C	1135	Laytonville County Water District	2310011 001	Construct a new well with a new pump.	2002	\$67,630
	O	C	1100	YERMO WATER CO	3610118 002	Upgrade the system, replace mainlines	2002	\$50,000
	O	C	1086	San Joaquin County-Raymus Village	3910014 001	DRILL NEW WELL. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	1020	Hopland Public Utility District	2310010 002	Replace old distribution lines.	1998	\$1,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	1020	Hopland Public Utility District	2310010 003	Add additional storage tanks and force main to reservation.	1999	\$3,000,000
	O	C	1016	SBDNO COUNTY SERVICE AREA W-1	3610060 001	Design and purchase a small package surface water treatment plant to utilize Morongo pipeline water allotment	2000	\$100,000
	O	C	1000	McKinney Water District	3110022 001	Replacement of all main lines.	1998	\$1,500,000
	O	C	1000	EVERYDALE MWC	1910023 001	Drill a replacement well.	1998	\$100,000
	O	C	1000	Inverness Public Utility Dist	2110001 002	Purchase and install another microfiltration membrane package unit capable of producing an additional 50 gpm	1998	\$140,000
	O	C	1000	Midway Heights C. W. D.	3110041 001	District would install/construct a package treatment plant which would lower costs and provide a high quality supply to meet present and future needs.	1999	\$200,000
	O	C	1000	Inverness Public Utility Dist	2110001 001	Replace old finished water tanks.	1999	\$225,000
	O	C	994	LOS ANGELES CO WW DIST 21-KAGEL CANYON	1910075 008	REPLACE 3000 FT OF 4" DISCHARGE MAIN.	2001	\$340,000
	O	C	990	SAN MIGUELITO MWC	4010003 001	Replace steel floor, construct new tank roof install new tank appurtenances, sandblast and paint tank then install cathodic protection system.	1998	\$65,000
	O	C	990	SAN MIGUELITO MWC	4010003 002	Replace corroded steel and tank floors if necessary, sandblast and paint tanks then install cathodic protection system for all tanks.	1998	\$100,000
	O	C	990	SAN MIGUELITO MWC	4010003 004	Research feasibility of local groundwater basin (hot well) to store excess treated water.	1998	\$10,000
	O	C	990	SAN MIGUELITO MWC	4010003 007	Replace single pump with a standard dual pump, alternating boost station.	1998	\$30,000
	O	C	990	SAN MIGUELITO MWC	4010003 003	Test existing Hot Well and East Harford wells for treatability and production.	1999	\$15,000
	O	C	990	SAN MIGUELITO MWC	4010003 009	Install an eight inch loop connection to add redundancy to the system, enabling repairs without shutting down service to the entire system	1999	\$30,000
	O	C	990	SAN MIGUELITO MWC	4010003 006	Purchase a mobile standby power unit and install compatible receptacles for wells, boost stations and treatment plant.	1999	\$75,000
	O	C	950	Sonoma County CSA 41-Fitch Mountain	4910010 001	Install 30,000 gal tank on an easement near the top of the mountain. Install a higher head pump at the booster station and extend the water line up to the new tank.	1998	\$60,000
	O	C	931	DEL REY COMMUNITY SERV DIST	1010035 002	REFINANCE EXISTING LOANS.	1998	\$2,911,500
	O	C	924	HILLVIEW WATER CO-GOLDSIDE-HIL	2010014 001	FILTRATION OF FOUR WELLS AND INTERCONNECTION OF THIS SYSTEM TO THE OAKHURST-SIERRA LAKES SYSTEM WHICH IS ABOUT 3 MILES AWAY.	1999	\$800,000
	O	C	920	Nevada ID - Cascade Shores	2910007 003	Replace the redwood tank with a welded steel tank.	1998	\$110,000
	O	C	920	Nevada ID - Cascade Shores	2910007 002	Replace the redwood tank with a welded steel tank.	1998	\$95,000
	O	C	910	WATERTEK-METROPOLITAN	1000057 002	DRILL THE EXISTING WELL DEEPER	1998	\$25,000
	O	C	896	LINNELL FARM LABOR CENTER	5400631 001	Installation of new 10,000 gal. Pressure tank	1998	\$50,000
	O	C	860	San Joaquin River Club Inc	3910018 001	TAKE SURFACE WATER FROM SAN JOAQUIN RIVER AND TREAT WITH SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	1999	\$750,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	845	City of Loyalton	4610001 001	Hire an engineer to evaluate problems.	1998	\$50,000
	O	C	842	Placer CWA - Alta	3110024 001	Construct 500,000 gallon storage tank.	1999	\$600,000
	O	C	840	Hillsview Homes	5010007 001	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE AND PIPE IT TO WESTLEY.	1998	\$1,300,000
	O	C	840	Hillsview Homes	5010007 002	Install RO unit to remove TDS, install 500,000 gallon storage tank with booster pumps and auxilliary generator	2001	\$1,285,000
	O	C	840	OAK SPRINGS VLY WC (CSA 70G)	3600186 003	Construct treatment plant to treat water from the aqueduct	2002	\$10,500,000
	O	C	840	Hillsview Homes	5010007 003	Install reverse osmosis treatment with 0.5 million gallon storage tank and boosters to supply existing system. Also purchase and install backup power generator.	2003	\$1,300,000
	O	C	835	City of Etna	4710004 001	Replace lines; increase storage; and improve intake facilities.	1998	\$200,000
	O	C	832	Lake County CSA 2 - Spring Valley	1710018 001	Improvements to intake gallery & creek banks. Possibly construct new intake gallery or extend existing one.	1998	\$200,000
	O	C	820	Cuyama Community Services District	4210009 003	New water lines need to be put in to replace the old lines.	2002	\$2,000,000
	O	C	795	DAGGET COMM SVCS DIST	3600086 001	Construct transmission line	1998	\$200,000
	O	C	795	Nevada ID - Snow Mountain	2910027 002	Replace with standard water main materials. Involves design and construction.	1998	\$440,000
	O	C	770	Squaw Valley Public Service District	3110020 001	Develop a new water source. Involves design and construction.	1998	\$300,000
	O	C	770	Squaw Valley Public Service District	3110020 002	The District's objective is to proceed with the design and construction of a 3 MGD water treatment plant for iron and manganese removal should acceptable water quality not to be found.	1999	\$1,000,000
	O	C	770	Squaw Valley Public Service District	3110020 005	The project would include abandoning well 4R and drilling a new well, 4RII with a 50' sanitary seal and an engineered gravel pack to ensure adequate water quality and quantity to meet system demands (see attached report)	2003	\$1,015,000
	O	C	770	Squaw Valley Public Service District	3110020 006	Replace below grade well #1 with a well that meets current stadards (i.e. sanitary seal, above ground installation)	2004	\$500,000
	O	C	725	WOODVILLE FARM LABOR CENTER	5400792 001	installation of new 10,000 gal. Pressure tank	1998	\$35,000
	O	C	700	CSA 42 ORO GRANDE	3600220 002	Enhance abality to operate and montior unattended sites throughout water distribution system.	2000	\$25,000
	O	C	690	YERBA BUENA WATER COMPANY	5610006 001	Construct a backup well with 50 HP turbine pump, 250,000 gallon additional steel tank, 3000 feet of new 8 inch water main line	2000	\$300,000
	O	C	683	OID-OAKDALE RURAL WATER SYSTEM #1	5000433 001	INSTALL ELECTRICAL GENERATOR. INSTALL PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	C	667	San Joaquin County - Wilkinson Manor	3910024 002	IMPROVE DISTRIBUTION, CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH SEVERAL NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	638	Town of Fort Jones	4710003 001	Evaluate system to determine overall condition and to identify remedial and maintenance actions needed to minimize water supply disruptions and/or existing system losses. Evaluate appropriate storage volume for system and construct additional tank storage	2003	\$75,000
	O	C	637	CalAm - Walnut Grove	3410047 001	Grand Avenue main replacement. Involves design and construction.	1998	\$120,000
	O	C	600	NORTH EDWARDS WD	1510052 001	REPLACE OF EXISTING METERS, AND UPGRADE WELLS 1 AND 2 FACILITIES AND FOUNDATION.	1998	\$75,000
	O	C	600	San Francisco Regional Water System	3810001 047	exercise approximately 10 percent of the 15,500 gate valves each each year; determine if a particular valve needs to be repaired or replaced.	1998	\$15,000,000
	O	C	600	San Francisco Regional Water System	3810001 009	Upgrade four Bay Division pipelines at Hayward fault, so that they can withstand an earthquake of Richter magnitude 7 or greater.	1998	\$67,050,000
	O	C	600	San Francisco Regional Water System	3810001 054		1998	\$775,000
	O	C	600	San Francisco Regional Water System	3810001 057	Replace 2 out of 12 tanks at Sunol Valley Water Treatment Plant and HTWTP; Provide standby electric power at disinfection monitoring stations. Provide a deep well water quality monitoring stations at Thomas Shaft.	1998	\$12,800,000
	O	C	600	AVILA BEACH COMM WATER DIST	4000222 001	Design and construct water tank repairs	1998	\$120,000
	O	C	600	San Francisco Regional Water System	3810001 068	1). Westside basin groundwater mgmt; 2). Lake Merced lake level mgmt; 3). Salt water intrusion monitoring; 4). GG Park and zoo well installation and development; 5). West Basin water supply 6). Lobos Basin invest.	1998	\$18,000,000
	O	C	600	San Francisco Regional Water System	3810001 045	Replace the plastic water mains with ductile iron piping. Reconfigure some of the existing network of water mains to compartmentalize the Treasure Island system.	1998	\$35,000,000
	O	C	600	San Francisco Regional Water System	3810001 071	Conduct an assessment of the watershed (that is annual sanitary surveys, GIS database, monitoring programs).	1998	\$500,000
	O	C	600	San Francisco Regional Water System	3810001 066	Obtain property for the new reservoir; Construct new 500,000 gallon reservoir including all necessary connection piping and ancillary facilities.	1998	\$4,060,000
	O	C	600	San Francisco Regional Water System	3810001 072	A watershed management plan will be developed.	1998	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001 075	Watershed management	1998	\$1,465,750
	O	C	600	San Francisco Regional Water System	3810001 076	Sanitary Survey	1998	\$110,000
	O	C	600	AVILA BEACH COMM WATER DIST	4000222 002	Design and construction of water line replacement	1998	\$240,000
	O	C	600	San Francisco Regional Water System	3810001 050	Thoroughly analyze the performance of the plant to identify unit processes which limits the plant's capability for extended periods of time.	1998	\$27,000,000
	O	C	600	San Francisco Regional Water System	3810001 008	Build a fifth pipeline in existing city right of way from Irvington Portal to Pulgas Tunnel. Perform study of pipeline route.	1998	195,000,000
	O	C	600	San Francisco Regional Water System	3810001 070	Conduct watershed assessment.	1998	\$250,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001 005	Remove existing deteriorated coal tar/mortar coating and apply new protective coating. Repair leaky expansion joints.	1998	\$350,000
	O	C	600	San Francisco Regional Water System	3810001 039	Develop master plan. Design of SCADA system covering the high priority remote site identified in the master plan.	1998	\$26,046,275
	O	C	600	San Francisco Regional Water System	3810001 004	Provide cleaning of exposed reinforcing steel and patching of concrete where needed.	1998	\$1,368,000
	O	C	600	San Francisco Regional Water System	3810001 007	Replace BDPL # 1 with new welded steel pipe from Irvington Portal to Pulgas Portal.	1998	225,000,000
	O	C	600	San Francisco Regional Water System	3810001 015	Study capacity increase, existin piping and valving arrangement which is aging and poses certain operational difficulties.	1998	\$32,000,000
	O	C	600	San Francisco Regional Water System	3810001 016	RELOCATE PUMP STATION INCLUDING REPLACEMENT OF NECESSARY PUMP, STANDBY POWER AND PIPING. FIND A NEW LOCATION FOR PUMP.	1998	\$2,500,000
	O	C	600	San Francisco Regional Water System	3810001 018	CONSTRUCT AN ENTIRE NEW INFRASTRUCTURE OF 8", 12", AND 16" DUCTILE IRON MAINS IN A PHASED PROGRAM CONSISTENT WITH PROPOSED DEVELOPMENT.	1998	\$15,000,000
	O	C	600	San Francisco Regional Water System	3810001 030	INSTALL TWO CONTROL VALVES ON EACH PIPELINE AT THE PULGAS VALVE LOT. INSTALL A BYPASS AROUND INDIVIDUAL VALVES TO REGULATE LOW FLOWS.	1998	\$775,000
	O	C	600	San Francisco Regional Water System	3810001 023	REPAIR AND REPLACE EXISTING DOORS, TUNNEL AND ACCESS ROADS.	1998	\$9,980,000
	O	C	600	San Francisco Regional Water System	3810001 026	DETERMINE NEED FOR MODIFICATIONS TO THE INLET/OUTLET PIPING TO ASSURE ADEQUATE MIXING TO ALLEVIATE WATER QUALITY PROBLEMS AND TO ENHANCE OPERATION AT EACH RESERVOIR.	1998	\$10,000,000
	O	C	600	San Francisco Regional Water System	3810001 027	PROVIDE REDUNDANT CONNECTION OF PALO ALTO PIPELINE, INCLUDING REDWOOD CITY SERVICE TO BAY DIVISION PIPELINES #1 AND #2.	1998	\$334,000
	O	C	600	San Francisco Regional Water System	3810001 029	REVIEW AND DESIGN PRESSURE CARRYING CAPACITY.	1998	\$28,700
	O	C	600	San Francisco Regional Water System	3810001 022	INVESTIGATE EXISTING SYSTEM AND DEVELOP LISTING OF MOST VIABLE CANDIDATES FOR MORTAR LINING. REPLACE, REPAIR, AND RELINE OF THE MORTAR AND FEEDER MAINS.	1998	\$540,000
	O	C	600	San Francisco Regional Water System	3810001 034	Renew all old, obsolete and inadequate services in the city.	1998	\$34,760,000
	O	C	600	San Francisco Regional Water System	3810001 035	Survey and recommend which pumps, motors and starters that can be used in more than one location. Replace identified trols, and valves that allow hydro-pneumatic pump stations.	1998	\$968,000
	O	C	600	San Francisco Regional Water System	3810001 077	Sanitary Survey	1999	\$110,000
	O	C	600	San Francisco Regional Water System	3810001 092	Provide for a study of all in-city resrvoirs to determine the need for modifications to the inlet/outlet piping.	2000	\$2,859,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001 093	Construct, replace or extend feeder mains/distribution mains.	2000	100,000,000
	O	C	600	San Francisco Regional Water System	3810001 094	Conduct chemical studies and recommend capital improvements.	2000	\$914,375
	O	C	600	San Francisco Regional Water System	3810001 095	Address the need to design and construct water quality improvements will allow for the unimpeded operation of Moccasin Reservoir as a balancing forebay for the Foothill Tunnel. Detail design for Cherry Rock Trap Cleaning.	2000	\$2,293,939
	O	C	600	San Francisco Regional Water System	3810001 096	Upgrade the Calaveras Potassium Permanganate facility which is upstream of the SVWTP.	2000	\$2,069,000
	O	C	600	San Francisco Regional Water System	3810001 103	Study the drainage and erosion issues. Develop baseline information and recommend permanent low maintenance solutions which include: tree removal retaining walls, erosion control mesh, the installation of a hillside drainage system and reconfigur.	2000	\$9,360,000
	O	C	600	San Francisco Regional Water System	3810001 100	Develop a facilities master plan to implement new water supplies in the SFPUC delivery system, and to integrate the facilities plan with ongoing SFPUC capital planning efforts.	2000	\$1,500,000
	O	C	600	San Francisco Regional Water System	3810001 101	Conduct a study to define criteria for chemical types, doses, methods of addition and site selection. Construction drawings and specifications will be developed from these recommendations. The facility will then be built according to these drawings	2000	\$1,000,000
	O	C	600	San Francisco Regional Water System	3810001 091	A new pump station will meet the CDD's standards for reliability and efficiency. The station will be equipped with back-up pumps, emergency power and SCADA compatability.	2000	\$6,830,000
	O	C	600	San Francisco Regional Water System	3810001 082	Construct about 4500 LF of 84 inch steel pipeline adjacent to existing prestressed pipeline. Addition of this line will allow WD additional operational flexibility.	2000	\$4,025,000
	O	C	600	San Francisco Regional Water System	3810001 102	The facility will be constructed according to the construction documents.	2000	\$650,000
	O	C	600	San Francisco Regional Water System	3810001 098	Repair and replace the existing transmission main lines and bypass valves.	2000	\$715,000
	O	C	600	San Francisco Regional Water System	3810001 090	Outer reaches of Sunset zone can be eliminated, a freeboard of 10-25 feet at the Sunset Reservoir could be utilized to improve water circulation and reduce the accumulation of THM'S.	2000	\$4,250,000
	O	C	600	San Francisco Regional Water System	3810001 089	Provide the necessary facilities to support the SCADA project by adding telemetry to the pump station which will be tied into the Lake Merced Pump Station . Construct a pump station to provide adequate supply to each of the In-City Reservoirs.	2000	\$12,775,000
	O	C	600	San Francisco Regional Water System	3810001 088	Modify the piping and valving at the San Antonio Pump to further increase the flexibility of operations and maintenance.	2000	\$1,114,000
	O	C	600	San Francisco Regional Water System	3810001 087	Develop the in-house capability to analyze the transmission and distribution flows throughout the system.	2000	\$640,000
	O	C	600	San Francisco Regional Water System	3810001 086	This project involves conceptual engineering hydraulic modeling, physical modeling, detail design and construction.	2000	\$14,230,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001 085	Upgrades covered in this project are: roof repair, expansion joint replacement, painting coating paving, and tank replacement. This project will lead to improvements in water quality operations and emergency operation benefits.	2000	\$47,977,000
	O	C	600	San Francisco Regional Water System	3810001 083	Add 3 variable frequency drives for each 125 HP decant pumps at SVWTP. Install Programmable Logic Controller to sequence pumps relative to flow of water from decant lagoon to decant pump. Convert existing manually operated valve to motor valve.	2000	\$574,000
	O	C	600	San Francisco Regional Water System	3810001 081	The problem is in the process of being analyzed and remedial measures will be taken to reduce the risk of damage from slope failure thereby protecting the pipeline from damage.	2000	\$460,000
	O	C	600	San Francisco Regional Water System	3810001 080	Connect the Palo Alto Pipeline, including the Redwood City Service, to Bay Division Pipelines Nos. 1 and 2 west of valves A60 and B 60.	2000	\$641,501
	O	C	600	San Francisco Regional Water System	3810001 079	Replace manual valves with automated/motorized valves	2000	\$3,780,000
	O	C	600	San Francisco Regional Water System	3810001 078	Preparation of standard procedures, planning, design, and installation of cathodic protection system to minimize or eliminate corrosion.	2000	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001 104	Will address obvious seismic hazards at San Antonio Pump Station. Improvements will include suspended tanks and duct work, retrofit of pump switchgear, generator and compressor anchorages and installation of flexible couplings.	2000	\$2,000,000
	O	C	600	San Francisco Regional Water System	3810001 099	Replace those pipes that are in corroded condition.	2000	\$1,551,846
	O	C	600	San Francisco Regional Water System	3810001 084	Develop a testing plan for the evaluation of various operational plans.	2000	\$1,070,000
	O	C	600	San Francisco Regional Water System	3810001 105	Replace or repair the deteriorated trestles.	2000	\$125,733
	O	C	600	San Francisco Regional Water System	3810001 106	Replace R60 at San Pedro Valve Lot.	2000	\$850,000
	O	C	600	San Francisco Regional Water System	3810001 107	Provide chlorine monitoring of the Hetch Hetchy aqueduct supply in the Coast Range Tunnel, storage and transmit the monitoring data to appropriate Water Supply and Treatment facilities.	2000	\$222,000
	O	C	600	San Francisco Regional Water System	3810001 108	Install two throttling stations on Pipeline #2 downstream from Oakdale Portal.	2000	\$1,973,000
	O	C	600	San Francisco Regional Water System	3810001 109	Provide Baden Pump Station with standby power, seismic retrofit, fire protection and security access.	2000	\$7,995,000
	O	C	600	San Francisco Regional Water System	3810001 110	Install small propane generators and upgrade UPS for backup at Baden Pump Station. East Portal and Casey Quarry.	2000	\$350,000
	O	C	600	San Francisco Regional Water System	3810001 097	Provide a concrete lining in sections of the canal to eliminate turbidity and the potential contamination of the Mocassin Reservoir. In addition, concrete repairs will be made to the Mocassin Powerhouse where erosion has occurred.	2000	\$1,160,000
	O	C	600	San Francisco Regional Water System	3810001 134	Bay Division pipeline improvements.	2001	\$20,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001 155	Harry Tracy WTP filter control improvements.	2002	\$10,365,571
	O	C	600	San Francisco Regional Water System	3810001 142	Improvements to Pulgas Reservoir to maintain water quality.	2002	\$1,037,655
	O	C	600	San Francisco Regional Water System	3810001 144	Replace control system for Pulgas Pump Station.	2002	\$150,000
	O	C	600	San Francisco Regional Water System	3810001 140	Construct hydraulic model of the city system to manage supply and quality.	2002	\$1,092,701
	O	C	600	San Francisco Regional Water System	3810001 151	Pipeline repair emergency response plan for seismic events.	2002	\$150,000
	O	C	600	San Francisco Regional Water System	3810001 135	Seismically strengthen the reservoirs, also water quality improvements (sampling and disinfection), erosion control, drainage concrete repair venting and liners or coatings and cleanup of the reservoir beds.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 149	Develop and construct a "backbone" pipeline system for reliability.	2002	\$1,015,000
	O	C	600	San Francisco Regional Water System	3810001 145	Increase hydraulic capacity of raw water facilitied for Harry Tracy WTP for system reliability.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 163	Rehabilitate Lake Merced pump station.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 169	Study of alternative disinfectants to meet new regulations.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 146	Sample Station for Thomas Shaft for process control.	2002	\$955,000
	O	C	600	San Francisco Regional Water System	3810001 159	Replace mains between Stanford Heights and Twin Peaks.	2002	\$3,654,530
	O	C	600	San Francisco Regional Water System	3810001 132	Lake Merced emergency treatment study.	2002	\$154,500
	O	C	600	San Francisco Regional Water System	3810001 127	Seismic upgrades, and the replacement of approximately 275 feet each of existing pipelines. Install shutoff and bypass valves at both ends of the fault zone.	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 137	Construct a new paralell San Joaquin pipeline. Will also include development and evaluation of alternative projects, field investigations. Etc...	2002	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 168	Redundant transmission pipeline for the Sunset Zone into CCSF	2003	\$9,887,876
	O	C	600	San Francisco Regional Water System	3810001 156	Rehabilitate Sunset North Reservoir.	2003	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 154	Pipeline rehabilitate Mountain Tunnel	2003	\$2,060,000
	O	C	600	San Francisco Regional Water System	3810001 161	Rehabilitate/replace outdated pump station controls.	2003	\$318,331
	O	C	600	San Francisco Regional Water System	3810001 164	Extend the Noe Valley pipeline to serve low pressure zones.	2003	\$7,837,740

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001 152	Automate Transmission system control valves.	2003	\$937,480
	O	C	600	San Francisco Regional Water System	3810001 166	Replace Richmond District supply main.	2003	\$3,129,061
	O	C	600	San Francisco Regional Water System	3810001 167	New cross town transmission pipeline for the CCSF.	2003	\$14,422,987
	O	C	600	San Francisco Regional Water System	3810001 138	Inspect and evaluate water system infrastructure and compile recommendations for repair.	2003	\$309,000
	O	C	600	San Francisco Regional Water System	3810001 147	Study the feasibility of raising the Hetch Hetchy gradeline.	2003	\$103,000
	O	C	600	San Francisco Regional Water System	3810001 129	Development of an emergency response plan for major seismic events.	2003	\$3,607,574
	O	C	600	San Francisco Regional Water System	3810001 143	To develop a program enabling the best utilization of water from the Harry Tracy WTP. In particular, this program will address the possibilities of Hetchy and Sunol source outages or insufficient supply requiring backfeed of penninsula water to the south	2003	\$515,000
	O	C	600	San Francisco Regional Water System	3810001 141	quality regulations, current and future service needs, operational flexibility and emergency response to determine the recommended plant capacity and identify the specific capital improvements. Improvements include ozone treatment, and capacity upgrades;	2003	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 131	Construct four cross connections to bypass the pipe sections most likely to fail in an earthquake.	2003	\$10,481,958
	O	C	600	San Francisco Regional Water System	3810001 148	Rehabilitate Merced Manor Reservoir.	2003	\$5,791,775
	O	C	600	San Francisco Regional Water System	3810001 128	Repair/rehabilitate Foothill Tunnel.	2004	\$2,185,454
	O	C	600	San Francisco Regional Water System	3810001 130	Design and construction of a new reservoir to serve the northeastern part of the city.	2004	\$913,341
	O	C	600	San Francisco Regional Water System	3810001 160	Rehabilitate Sunset South Reservoir.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 133	Add new parallel pipeline from the Crystal Springs Bypass Tunnel in the south to the Crystal Springs Road in the north,	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 136	Construct a second Crystal Springs (Pulgas) Balancing Reservoir for reliability.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 157	Expand Sunol WTP capacity with new processes.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 150	Replace Crystal Springs #2 pipeline.	2004	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001 158	Seismic upgrade work and other structural and general rehabilitation at the South basin of the Sunset Reservoir	2004	\$20,000,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.		Project Description	FY	Est Costs
E	O	C	600	San Francisco Regional Water System	3810001	139	Enhance system reliability in the event of disruption to Hetch Hetchy and Sunol Water supplies. The project requires analysis of the Capuchino valve lot to identify necessary improvements for backfeed capability of up to 80 mgd. Project also includes se	2005	\$1,345,339
	O	C	600	San Francisco Regional Water System	3810001	165	Extend the San Andreas Pipeline to the Sunset Reservoir.	2005	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	162	Construction of a new treated water storage reservoir (Balboa).	2005	\$20,000,000
	O	C	600	San Francisco Regional Water System	3810001	153	Harry Tracy WTP improvements.	2005	\$8,841,000
	O	C	575	Gasquet C.S.D.	0800555	004	Purchase a 150 GPM trailer-mounted pump with chlorination facilities and prepare river access for use of alternative source.	1998	\$24,000
	O	C	575	Gasquet C.S.D.	0800555	003	Study to determine feasibility of developing wells to supply ground water versus the present use of river water.	1998	\$7,000
	O	C	550	EDMUNDSON ACRES WATER SYSTEM	1500190	001	DRILL A NEW WELL. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$300,000
	O	C	550	ARROWBEAR PARK CWD	3610110	004	Install fencing around storage tanks	2001	\$6,800
	O	C	550	ARROWBEAR PARK CWD	3610110	003	Tank recoating	2001	\$19,500
	O	C	525	TOKAY PARK WATER CO	3400172	001	replace pipelines	2002	\$450,000
	O	C	525	TOKAY PARK WATER CO	3400172	002	Replace pipes and valves.	2002	\$950,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	007	A "Cumulative Impact Study" for Telegraph Creek drainage.	1998	\$50,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	003	Engineering planning for project	1998	\$14,900
	O	C	500	Resort Imprvmt. Dist. #1	1210022	002	Engineer planning, design, and construction for replacement of 8 miles of pipe.	1998	\$37,900
	O	C	500	Big Rock C.S.D.	0800532	001	Conduct a systems analysis to determine loss locations. Repair and reconstruct problem areas.	1998	\$135,000
	O	C	500	Sonoma County Water Agency	4910020	003	Install early warning systems in three locations to detect contamination before water is delivered to Agency customers.	1998	\$1,615,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	010	Engineering design and construction of pipe line.	1999	\$2,841,000
	O	C	500	Resort Imprvmt. Dist. #1	1210022	008	Construct new tank.	1999	\$137,200
	O	C	500	Resort Imprvmt. Dist. #1	1210022	004	Upgrade existing intake facility.	1999	\$195,000
	O	C	500	CIRCLE OAKS DISTRICT	2800521	002	Storage Tank & Pump Station	2001	\$400,000
	O	C	500	LAKEVIEW HILLS COMMUNITY ASSOC	3103835	001	Replace water line infrastructure to 150 residents.	2002	\$3,000,000
	O	C	499	SAN SIMEON CSD	4000568	001	Additional wells and Desal Plant	1998	\$1,000,000
	O	C	490	Pine Mountain Mutual Water Co.	2300591	003	Hire engineer to conduct studies and surveys.	1998	\$14,000
	O	C	490	Pine Mountain Mutual Water Co.	2300591	002	Install approved filter and monitoring systems for these water sources.	1998	\$28,000
	O	C	452	SUMMIT WEST MUTUAL WATER CO.	4400617	001	Replace existing tanks with one new, optimally located tank of adequate capacity	2002	\$250,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	450	WASHINGTON WATER DISTRICT	2900523 001	This flume runs adjacent to the South Yuba River. The flume needs complete replacement.	1998	\$150,000
	O	C	450	TRADEWIND WATER ASSOC.	1500406 001	Hire certified agent to sandblast and coat old tank. Need to install additional Air Vacuum Valves to remove existing problem.	1998	\$50,000
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 003	Renovate horizontal well	1998	\$46,000
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 008	Purchase this privately owned parcel.	1998	\$120,000
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 007	Creation of a two zone system	1998	\$157,802
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 006	Replacement of line.	1998	\$68,655
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 002	Add a reservoir	1998	\$142,393
	O	C	450	SENIOR CANYON MUTUAL WATER CO	5601117 004	Replace ancors, cable and pipeline.	1998	\$199,836
	O	C	450	Sierra Brooks PSD	4600009 002	Provide additional source capacity and distribution improvements	2001	\$1,800,000
	O	C	450	Sierra Brooks PSD	4600009 003	Construct one new tank, one new well, pressure stations and replacement lines (see attached).	2003	\$1,500,000
	O	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195 001	Install chlorinator and emergency generator to provide the reliability required by the Waterworks Standards.	1998	\$2,400
	O	C	442	STARLITE PINES MUTUAL WATER CO INC	4500195 002	Dig and complete new reservoir and enclose in storage house.	2001	\$42,000
	O	C	431	SKYLONDA MUTUAL	4100533 006	Repair slippage along Highway 84 that runs along the side of the storage basin and improve the raw water storage site.	2001	\$12,000
	O	C	431	SKYLONDA MUTUAL	4100533 005	Install replacement 3hp raw water pump and controller unit.	2001	\$2,300
	O	C	431	SKYLONDA MUTUAL	4100533 004	Install and increase aeration facility in raw water storage basin to decrease summer algae bloom.	2001	\$2,000
	O	C	431	SKYLONDA MUTUAL	4100533 003	Purchase and install emergency generator.	2001	\$5,000
	O	C	431	SKYLONDA MUTUAL	4100533 001	Addition of charcoal filter to control taste and odor problems.	2001	\$15,000
	O	C	417	Myers Flat M.W.S. Inc.	1200538 002	Develop unused spring source to prevent surface water influence and tie into system.	1998	\$13,490
	O	C	400	LSID - Tonyville	5410007 001	RADIO SPREAD SPECTRUM TELEMETRY AND CONTROL. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
	O	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 004	Drain and clean storage tank and sump; inspect sump tank and repair as needed.	1999	\$35,000
	O	C	400	PINE HILLS MUTUTAL WATER COMPANY	3700905 003	Implement a SCADA system (Supervisory Control and Data Acquisition System)	1999	\$75,000
	O	C	400	Clear Creek CSD-Westwood	1800512 004	Improve clear creek spring source structure.	2002	\$20,000
	O	C	400	Valhalla Mobile Home Park	5710008 001	Install manganese filters	2003	\$50,000



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	380	Alpine Springs County Water District	3110029 001	Replace the redwood tank with a steel tank. Involves design and construction.	2001	\$500,000
	O	C	380	IVCSD - Crescent Mills	3200510 002	Hydrants, plant improvements	2001	\$125,680
	O	C	371	EASTON ESTATES WATER COMPANY	1000018 001	WELL NEEDS TO BE REDEVELOPED & BOWLS, BEARINGS AND SHAFT NEED RESTORATION	1998	\$30,000
	O	C	350	LEISURE LAKE MOBILE HOME PARK	1910066 001	Line or replace existing transmission lines, and install electric panel for well #2.	1998	\$100,000
	O	C	350	Weott C.S.D.	1200553 004	Remove old steel lines and replace approximately six miles of water transmission lines.	1998	\$110,000
	O	C	350	Weott C.S.D.	1200553 003	Install additional 50,000 gallon tank at the A-Tank site.	1998	\$72,800
	O	C	350	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 001	ACQUIRE PROPERTY, DRILL NEW WELL AND CONNECT TO SYSTEM	1998	\$100,000
	O	C	350	Weott C.S.D.	1200553 006	Purchase and install water meters at Sources A and B.	1998	\$5,000
	O	C	350	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 002	UPGRADE OTHER SYSTEM, PAY OF DEBT AND DISSOLVE OTHER CSD	1999	\$250,000
	O	C	350	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 003	CONSTRUCT TREATMENT FOR ARSENIC. OTHER- DESIGN AND CONSTRUCTION	2000	\$500,000
	O	C	340	ARBOR MOBILE HOME PARK	3900831 002	BUILD 80,000 GALLON STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	1998	\$100,000
	O	C	300	GREEN ACRES MOBILE HOME ESTATE	1000229 001	CONSTRUCT A NEW WELL OR CONNECT TO THE CITY OF FRESNO.	1998	\$15,000
	O	C	300	Northstar C.S.D.	3110028 001	Develop groundwater storage. Involves study, design and construction.	1998	\$250,000
	O	C	300	YUIMA MUNICIPAL WATER DISTRICT IDA	3700938 003	Convert eight sites to alternate disinfection systems.	1998	\$246,000
	O	C	300	Sierraville P.U.D.	4600018 002	Hire an engineer to completely evaluate the system, make a work order sheet, and do it.	1998	\$50,000
	O	C	300	OWENS VALLEY WATER COMPANY	1400005 002	Construct new chain link fence to protect water system facilities from vandalism	2001	\$10,000
	O	C	300	OWENS VALLEY WATER COMPANY	1400005 003	Install sand separator	2001	\$10,000
	O	C	288	Siskiyou Co. Rolling Hills MWC	4700528 001	Replace old steel pipeline to tanks and install meters at service connections.	1998	\$273,350
	O	C	287	OID #51-SUNSET OAKS #10	5000317 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$40,000
	O	C	280	COUNTY SERVICE AREA 11	4100582 001	Consolidate with another system. (Pescadero High School)	1998	\$50,000
	O	C	280	PEPPERMINT CREEK MHP #15	5500116 001	THE ABOVE ITEMS NEED TO BE INSTALLED TO IMPROVE THE PERFORMANCE AND RELIABILITY OF THE TREATMENT PLANT TO INSURE COMPLIANCE WITH THE SWTR.	1998	\$32,000
	O	C	275	LUCERNE VALLEY MWC	3600156 001	Construct mainline	1999	\$150,000
	O	C	275	LUCERNE VALLEY MWC	3600156 002	Purchase and install backup power generator	2001	\$20,000
	O	C	273	PEDRAZZI MWC	2701364 002	New Storage tank	2001	\$60,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	269	OID #46 - SUNSET OAKS	5000014 001	INSTALL ELECTRICAL GENERATOR AND NEW PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	C	269	OID #46 - SUNSET OAKS	5000014 002	INSTALL BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION	1999	\$40,000
	O	C	268	Rabb Park Community Ser. Dist.	0310015 003	INSTALL METERS	1998	\$14,100
	O	C	268	Rabb Park Community Ser. Dist.	0310015 001	INSTALL NEW PIPELINES, HYDRANTS AND FLOW METERS. OTHER = DESIGN AND CONSTRUCTION	1998	\$0
	O	C	261	LOS TULES MUTUAL WATER CO	3700958 001	Would like to be on list	1998	\$0
	O	C	260	Fiddletown Community Service	0300019 001	REPAIR OR REPLACE TANK	1998	\$40,000
	O	C	255	Wildwood Mutual Water Company	5100109 001	Replace old lines when needed.	2000	\$100,000
	O	C	250	EAST WALNUT GROVE WATER SYSTEM	3400106 001	Construct a 250,000 gallon water storage tank. Involves design and construction.	1998	\$250,000
	O	C	250	EAST WALNUT GROVE WATER SYSTEM	3400106 002	Construct 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$250,000
	O	C	250	SAINT MARIE MOBILE HOME PARK	4200842 001	Replace storage tank and install new piping, pump station and fire hydrants.	1998	\$250,000
	O	C	250	SANTOS RANCH PWS #5-CSA #35	3901216 001	CONNECT TO CITY OF TRACY WATER AND BLEND. (APPEARS TO BE INTERCONNECTION, NOT CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION	1998	\$600,000
	O	C	250	RANCHO SAN ANDREAS	4400660 001	Purchase and install new well pump and motor in existing well	2000	\$3,500
	O	C	250	College Park Mutual Water Company	4900667 001	Drill new well	2001	\$100,000
	O	C	241	OID-OAKDALE RURAL WATER SYSTEM #2	5000445 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$40,000
	O	C	240	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 001	LOOP THE SYSTEM	1998	\$500,000
	O	C	240	Trailer Haven Mobilehome Park	0103041 001	New pump system for maximum water pressure and for the fire Dept. hook up in case of emergency	2003	\$50,000
	O	C	230	GREENBELT WATER COMPANY INC	4400598 002	Install control system and booster pump/pressure tank and connect to system.	2000	\$6,500
	O	C	225	MOTHER LODGE MOBILE ESTATES	5500125 003	Connect the water system to the Tuolumne Utilities District.	2003	\$300,000
	O	C	220	Black Butte Water Co.	1100404 001	Drill an additional well and install related support equipment.	2002	\$55,000
	O	C	211	SUNSET BEACH MUTUAL WATER CO	4400599 001	Construct pipeline to City of Watsonville water supply.	1998	\$510,000
	O	C	210	OAK TRAIL ESTATES MUTUAL WATER	4200881 001	Drill and install new 100 HP pump and 12 inch well.	1998	\$125,000
	O	C	210	Kirkwood Meadows Public Utilit	0210002 004	Install main water lines from East Meadows III across Highway 88 and connect to KMA lines.	1999	\$100,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	200	BIG CREEK COMMUNITY SERV DIST	1000005 001	DRILL WELLS, ELECTRICAL TO PUMPS, PROVIDE PIPES, INSTALL DUAL SYSTEM (HOUSEHOLD AND AGRICULTURAL), INSTALL WATER MAINS. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
	O	C	200	AHWAHNEE RESORTS MTN DIST #46	2000293 001	INSTALL TWO NEW WELLS AND A TELEMTRY SYSTEM.	1998	\$130,000
	O	C	200	WALLER TRACT WATER DISTRICT	3301735 001	None listed.	1998	\$0
	O	C	200	LEISURE PINES MUTUAL WATER CO	5500053 001	INCREASE DEPTH OF EXISTING WELL FROM 325 FEET TO EITHER 600 FEET OR 1000 FEET DEPENDING ON ITS CAPACITY. INSTALL NEW PUMP, METER, AND WIRING.	1998	\$60,000
	O	C	200	BADGER HILL ESTATES	5400710 001	INCREASE STORAGE CAPACITY, INCREASE PUMPING CAPACITY AND DRILL NEW WELL.	1998	\$500,000
	O	C	200	CA CITIES WTR SISQUOC #1	4200560 001	Construct new 10,000 gallon reservoir.	1998	\$10,000
	O	C	200	CA CITIES WTR SISQUOC #1	4200560 002	Install automation and telemetry at the Sisquoc plant.	1998	\$30,000
	O	C	200	ROUGH & READY MHP/ TIM BUFFINGTON	2900530 001	Construct new distribution system and well.	1999	\$75,000
	O	C	200	Rains Creek Water District	4900611 001	Install remote telemetry unit to monitor tank levels and chlorine conc.	1999	\$50,000
	O	C	200	MODESTO MOBILE HOME PARK INC.	5000066 001	Connect to City of Modesto	1999	\$220,000
	O	C	195	GORDON ACRES (STEWART WC)	3600297 003	Replace 1800 feet of mainline	2002	\$50,000
	O	C	183	NORTH OAKS MUTUAL WATER CO	5000237 001	UPGRADE EXISTING 100 HP AG WELL	1998	\$65,000
	O	C	180	APPLE VALLEY VILLAGE MH EST	3600400 001	Construct filtration system	1998	\$20,000
	O	C	180	APPLE VALLEY VILLAGE MH EST	3600400 003	Mainline replacement	2002	\$250,000
	O	C	180	APPLE VALLEY VILLAGE MH EST	3600400 002	Consolidation with Apple Valley Ranchos	2002	\$100,000
	O	C	172	RIVER ISLAND SERVICE TERR #1	5400665 001	INSTALL FILTRATION AND CHLORINATION SYSTEMS, 200,000 GAL. STORAGE TANK, 11,000 LF OF 8" C-900 PIPE AND CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$440,000
	O	C	166	STRUVE RD WS #02	2700772 002	Extend the main line from Pajaro/Sunny Mesa CSD to serve this water system	2001	\$200,000
	O	C	158	MORADA ESTATES PWS	3900722 001	CONSTRUCT PRESSURE TANK AND BOOSTER PUMP. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION.	1998	\$300,000
	O	C	157	OID #52 - DEO GLORIA	5000355 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
	O	C	150	ANZA PINES MOBILE HOME PARK	3301018 001	See attached	1998	\$58,878

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	150	OID #22 - WILLIAMS TRACT	5000015 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
	O	C	150	OID #22 - WILLIAMS TRACT	5000015 002	DRILL BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	1999	\$125,000
	O	C	150	IVERSON & JACKS APARTMENTS WS	2701068 001	Install storage tanks.	2000	\$80,000
	O	C	150	HHW&P Moccasin Compound-SFPUC	3810003 001	Construct filtration facilities and appurtnaces.	2000	\$200,000
	O	C	150	El Crystal Mobile Home Park	4900788 001	Replace pipes and install meters	2001	\$50,000
	O	C	150	DE RANCHO Y MOBILE VILLA WATER	1500380 001		2002	\$50,000
	O	C	147	OID #41 - MOUNTAIN VIEW	5000016 001	INISTALL ELECTRICAL GENERATOR. REPLACE DISTRIBUTION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$155,000
	O	C	140	AVWC - FAIRVIEW WC/SCHATZ	1502670 001	Replace 2 Cla Val. 4" pressure reducing valves. Replace 1 mile of 4" PVC 40 w/ 4" C900. Add 15,000 gal. plus 2 10,000 gal. storage tanks. Add electrical control lines underground. Set up booster pump. Other - study/design/construction	1998	\$100,000
	O	C	140	BELLEVUE OAKS MUTUAL WATER CO	5500042 001	INSTALL 5,800 FEET OF 6 INCH DIAMETER LINE FROM THE WELLS TO THE STORAGE TANKS.	1998	\$290,000
	O	C	140	BELLEVUE OAKS MUTUAL WATER CO	5500042 003	DRILL A NEW WELL, INSTALL A PUMP, AND CONNECT IT TO THE SYSTEM.	1999	\$31,000
	O	C	140	BELLEVUE OAKS MUTUAL WATER CO	5500042 002	REPAIR AND/OR REPLACE AGING STORAGE TANK AND INSTALL NEW 100,000 GALLON TANK.	1999	\$238,000
	O	C	140	BELLEVUE OAKS MUTUAL WATER CO	5500042 004	INSTALL 5,200 FEET OF NEW LINE.	1999	\$260,000
	O	C	140	SUNRISE MUTUAL WATER CO.	5400881 001	INSTALLATION OF A LARGER CAPACITY STORAGE UNIT AND LABOR SIZE MORE MODERN MAIN LINES AND IMPROVED SERVICE LINES	2000	\$185,000
	O	C	130	ARROYO CENTER WC	2701658 004	Install flowmeter with totalizer	2000	\$1,000
	O	C	130	Roseview Heights Mutual Water Company	4300562 001	Replace tanks and design a new system to turn on pumps when tanks need filling.	2003	\$200,000
	O	C	129	OID #45 - LOUIS MEYER	5000013 001	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	1998	\$30,000
	O	C	129	Timber Cove County Water District	4900584 002	Install backflush system & repair pipes (flush lines for future silting).	1998	\$20,000
	O	C	129	Timber Cove County Water District	4900584 001	Construct dike where creek banks washed out. Repair gravel to area scoured by storms.	1998	\$75,000
	O	C	126	RANCHO YNECITA MUTUAL WATER CO	4200837 001	Acid clean well and replace pump, motor etc.	1998	\$25,000
	O	C	126	VILLA CASA APARTMENTS WS	2701046 001	Install storage tanks	2000	\$100,000
	O	C	125	EMIGRANT GAP MUTUAL WATER CO.	3103310 001	Replace 820' of 4" steel pipe with 820' of 4" C-900 pipe and construct four new manifolds.	1998	\$8,000
	O	C	125	HAT CREEK WATER COMPANY	4500022 002	Install 40,000 plus gallon gravity storage tank with associated piping, controls and pump.	1999	\$47,500

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	125	ESTERO MUTUAL	2100519 001	Replacement of storage tank.	2002	\$100,000
	O	C	122	MUSICK MEADOWS #1	1000060 001	POSSIBLE DEVELOPMENT OF ADDITIONAL SOURCE CAPACITY IN THE FUTURE.	1999	\$25,000
	O	C	120	Coast Springs - Ca. Water Service Co.	2110007 001	Replace with new reservoir.	1998	\$100,000
	O	C	120	AUBURN VALLEY COMMUNITY SERVICE DIS	3100011 001	Add additional well(s), storage tank, pumphouse improvements and controls (system controls/alarms).	1998	\$325,000
	O	C	120	KINGS PARK APARTMENTS	1000295 001	CONNECT TO THE CITY OF SANGER.	1998	\$50,000
	O	C	120	BOBCAT SPRINGS MUTUAL WATER CO	4200891 001	replace 3000 feet of 6 inch line.	1998	\$20,000
	O	C	120	Sutter Co. WWD#1 (Robbins)	5100107 001	Installation of new distribution lines and housing services that are causing the problem.	1998	\$600,000
	O	C	120	SILVER WHEEL TRAILER PARK	5602116 001	Replace pipe lines and refurbish well.	2000	\$120,000
	O	C	110	DEL RIO EAST HOA WATER SYSTEM	5000099 001	THEY PROPOSE TO DRILL A NEW WELL. CITY OF MODESTO HAS PUBLIC WATER ABOUT 1000 TO 2000 FEET FROM THIS SYSTEM. THEY SHOULD CONNECT TO THE MODESTO DEL RIO SYSTEM.	1998	\$75,000
	O	C	109	MORADA MANOR WATER SYSTEM	3900523 001	REPLACE WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	108	LOMA MAR MUTUAL	4100512 003	Install new pumping station/	1998	\$60,000
	O	C	105	MORADA ACRES WATER SYSTEM	3900512 001	IMPROVE DISTRIBUTION SYSTEM WITH NEW, LARGER LINES. INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$250,000
	O	C	105	Spaulding/Eagle Lake MWC	1800534 002	Add loop. Construct new mains between existing mains.	2002	\$50,000
	O	C	100	COUNTRY VIEW ALZHEIMER CENTER	1000430 001	CONSTRUCT A NEW WELL.	1998	\$20,000
	O	C	100	BELMONT WATER CORPORATION	1000004 001	Deepen the existing well or drill a new well.	1998	\$30,000
	O	C	100	WHITE ROCK LAKE RV PARK	1900975 001	REPLACE GALVANIZED PIPES TO PLASTIC PIPES.	1998	\$58,000
	O	C	100	KERN VALLEY MUTUAL WATER	1500252 001	Have new well drilled adjoining current system. Other - Construction/other: drilling	1998	\$15,000
	O	C	100	VILLAGE GREEN	4500194 001	Upgrade Chlorination process and distribution system.	1998	\$3,000
	O	C	100	SOULTS MUTUAL WATER COMPANY	5400805 001	REPLACE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$75,000
	O	C	100	SOULTS MUTUAL WATER COMPANY	5400805 002	DEEPEN WELL, RUN WATER CONNECTIONS THROUGH FRONT YARDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
	O	C	100	WALNUT ACRES	3901113 001	IMPROVE DISTRIBUTION SYSTEM AND INSTALL AUTO-TRANSFER SWITCH FOR AUXILIARY POWER UNIT. CONSOLIDATE WITH OTHER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$500,000
	O	C	100	Riebli Mutual Water Company	4900603 001	Replace chlorinators with UV.	1999	\$60,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	100	ALTA SIERRA MUTUAL WATER CO.	1500209 001	Install new storage tank and distribution pipeline.	2002	\$258,000
	O	C	99	BERRY CREEK COMMUNITY SER DIST	0400016 002	Install sand separators on wells.	1998	\$20,000
	O	C	99	STUART WATER COMPANY	3700422 001	Hire licensed contractor after bidding process.	1998	\$50,000
	O	C	96	CASTILE CANYON SCHOOL	3302054 001	Need 3 phase electricity to run pump rather than propane generator. Also need backup well rebuilt.	1998	\$37,500
	O	C	95	TICO MUTUAL WATER CO	5601122 004	Acquisition and installation of water meters	1998	\$50,000
	O	C	93	SAN MIGUEL WS #22	2702073 002	Erect fencing for wells and storage tanks.	1998	\$21,302
	O	C	93	SAN MIGUEL WS #22	2702073 001	Install water meters.	1998	\$9,450
	O	C	92	Willow Glenn Mobile H.P.	1100237 001	Construct system improvements to correct problem.	1999	\$50,000
	O	C	92	Evergreen Motel & Trailer Park	3200114 001	new submersible pump, filtration system, storage tank and pressure pump.	2003	\$30,000
	O	C	90	SPRING CREEK ESTATES PWS	3900927 001	CONSOLIDATE WITH CITY OF RIPON. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	90	SHADY LAKE WATER ASSOCIATION/PRESIDENT	2900511 001	Replace tanks	2001	\$50,000
	O	C	87	WOODRIDGE MUTUAL WATER CO	4500235 001	New well and complete system to final usage.	1999	\$50,000
	O	C	81	BANTA MUTUAL WATER CO #1	3900555 001	REPLACE DISTRIBUTION SYSTEM.	2001	\$0
	O	C	80	WILLOW SPRINGS MOBILE HOME PARK	1500542 001	CONNECT TO THE CITY WATER SYSTEM	1998	\$50,000
	O	C	80	Hunter Valley CSD	0800557 001	Replace all of distribution lines with schedule 40 P.V.C. pipe	1998	\$75,000
	O	C	80	BERRENDA MESA WATER DISTRICT, DOM SYSTEM	1503145 001	Pipeline replacement. Installation of rechlorination station.	2000	\$375,000
	O	C	78	OAK HAVEN ASSOCIATION	3301528 001	Replace Distribution System.	2004	\$75,000
	O	C	76	SUNNYSIDE ESTATES WATER SYSTEM	3900714 001	CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	75	Cal Ore Trail Mobile Estates	4700546 001	System replacement.	1998	\$50,000
	O	C	75	Abrams Lake Mobile Estates	4700542 001	System replacement	1998	\$50,000
	O	C	75	MOUNTAIN SPRINGS WATER COMPANY	1500540 003	Replace reservoir.	2001	\$5,000
	O	C	75	MOUNTAIN SPRINGS WATER COMPANY	1500540 001	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	2001	\$75,000
	O	C	75	BANTA MUTUAL WATER CO #3	3900557 001	Replace distribution system.	2001	\$0
	O	C	74	Shadow Mountain MHP	4700803 001	Replace old well pumps with new pumps.	1998	\$20,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	72	BELLA VISTA MUTUAL WATER COMPANY	1502653 001	DRILL AND HOOK UP NEW WELL IMPROVED CHLORINATION SYSTEM INCREASE STORAGE. OTHER - DESIGN AND CONSTRUCTION	1999	\$80,000
	O	C	72	MCCOY RD WS #5	2701040 002	Install storage tanks	2000	\$80,000
	O	C	72	HAT CREEK HIGHLANDS MUTUAL W C	4500023 003	Install water meters at each improved lot.	2000	\$17,000
	O	C	72	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 002	Replace 4" diameter mains with 6" diameter.	2001	\$300,000
	O	C	70	SEQUOIA CREST WATER CO.	5400701 003	REFINANCE LOANS	1998	\$90,000
	O	C	70	NORTH LONE PINE WATER DISTRICT	1400072 002	Design and construct a replacement backup well	2002	\$165,000
	O	C	69	CUCC - Fulton/Fair Oaks	3410145 001	Install wellhead treatment facilities to remove nitrate. Involves study, design and construction.	1998	\$2,250,000
	O	C	69	GARLEN COURT WS	2700686 002	Deepen existing well.	1999	\$35,000
	O	C	69	CUCC - Fulton/Fair Oaks	3410145 002	Install water mains to serve entire area, replace private wells, and improve (increase capacity) wells. Involves design and construction.	2000	\$4,200,000
	O	C	66	SANTA RITA WATER CO	4200822 001	Install meters at each service	1998	\$20,000
	O	C	66	SANTA RITA WATER CO	4200822 002	install individual user water meters	2000	\$20,000
	O	C	65	Hollydale Mutual Water Company	4900581 001	System can be connected with Russian River CWD and annexed to District. Various leaking steel lines with be replaced and hydrants installed. Abandon existing well.	1998	\$750,000
	O	C	60	ALMOND PARK WATER SYSTEM	3900517 001	RENOVATE WELL, REPLACE PUMP, AND INSTALL AUXILARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	1998	\$450,000
	O	C	60	OASIS PROPERTY OWNERS ASSOCIATION	1500585 001	Drill new well and install storage tank	2000	\$250,000
	O	C	60	EL RIO MOBILE HOME PARK	3900569 001	DRILL WELL, INSTALL PUMP, MAINS AND PRESSURE SYSTEM	2000	\$40,000
	O	C	60	BISHOP ACRES MUTUAL WATER COMPANY	1500434 001	Install a 20,000 gallon storage tank and replace the bowls and any parts and labor that is needed.	2003	\$100,000
	O	C	56	HODGE BROTHERS DAIRY	3700783 003	Sample analysis and various treatment options, and purchase and installation of treatment facility. Water treatment method and design new storage and piping facility.	1998	\$400,000
	O	C	56	JENSEN MHP	2702405 001	Update system?	2003	\$50,000
	O	C	55	Rolling Oaks Road Association	4900846 001	Descale and flush well casing. If this does not work, then drill new well.	1998	\$20,000
	O	C	54	WALKING M RANCHES ASSN.	4200804 001	Either new well in different location or new non metal distribution system and well pump.	1998	\$69,000
	O	C	54	PONDEROSA MOBILE HOME PARK	5500092 001	CONSTRUCT AN ADDITIONAL WELL.	1998	\$60,000
	O	C	54	Trinity Lake Forest	5301104 001	Drill an additional well and have additional storage facility.	2002	\$150,000
	O	C	52	ASOLEADO MWC	2702148 002	Excavate underground tanks and replace, repair distribution system	2001	\$200,000
	O	C	50	PAPPAS & CO (FARM HOUSING)	1009006 001	REPLACE THE DETERIORATED STORAGE TANK AND INSTALL AN AUTO DIALER.	1998	\$21,200



Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	50	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	5010040 001	NEW SURFACE WATER TREATMENT PLANT WOULD PROVIDE BACK-UP WATER SUPPLY. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000,000
	O	C	50	MEADOWBROOK OAKS	0400026 001	Fix system.	2000	\$0
	O	C	50	Loch Haven Mutual Water Company	4900575 001	Replace leaking tank and new tanks	2001	\$16,000
	O	C	50	ROCKWATER APTS.	0900655 001	would like to upgrade	2002	\$0
	O	C	48	MINERAL MOUNTAIN MUTUAL WATER	0500019 004	INSTALL TELEMETRY TO LINK TANK WITH PUMP CONTROLS	1998	\$3,500
	O	C	48	MINERAL MOUNTAIN MUTUAL WATER	0500019 003	CONSTRUCT SHED OVER WELL AND PUMP AND FENCE WELL SITE.	1998	\$700
	O	C	48	MINERAL MOUNTAIN MUTUAL WATER	0500019 001	DRILL NEW WELL, INSTALL PUMP AND CONNECT TO SYSTEM	1998	\$12,500
	O	C	48	Sierra Road Improvement Association, Inc	4300546 001	Replace 900 feet of 50 year old 4-inch steel pipe with plastic pipe.	2001	\$100,000
	O	C	45	CORRAL DE TIERRA ESTATES WC	2700536 001	Abandon and close the auxiliary well.	1998	\$2,500
	O	C	44	SUNRISE MOBILEHOME PARK	4500104 001	Consolidate with Clear Creek C.S.D..	1999	\$100,000
	O	C	44	Summit View Ranch Mutual Water Co.	4900892 001	Add storage of 20 to 40,000 gals and associated plumbing linkage.	2000	\$50,000
	O	C	42	BANTA MUTUAL WATER CO #2	3900556 001	REPLACE DISTRIBUTION SYSTEM.	2001	\$0
	O	C	40	GREGG WATER CO	3400130 001	Replace multiple systems with reliable potable water system; a new 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	1998	\$180,000
	O	C	40	GREGG WATER CO	3400130 002	Construct a new 250,000 gallon storage tank for emergency water supply. Involves design and construction.	1998	\$250,000
	O	C	38	WOODFORDS MUTUAL WATER COMPANY	0202503 001	Pre-app for future unseen needs.	1998	\$0
	O	C	37	OID #49 - GILBERT O.I.D. #49	5000092 001	INSTALL ELECTRICAL GENERATOR. INSTALL NEW HYDROPNEUMATIC TANK. OTHER = DESIGN AND CONSTRUCTION.	1998	\$95,000
	O	C	37	WHISPERING SANDS MOBILE HOME PARK	3301746 001	1) add pressure tanks existing well - also drill 2nd well, add pressure tanks. Tie 2 systems together - Back up well for more water existing well with more pressure	1999	\$20,000
	O	C	36	Seymour's Mutual Water System	5301201 001	Install six 5,000 gallon water storage tanks.	1998	\$25,000
	O	C	35	FOURTH STREET WATER SYSTEM	1500449 001	Drill second well;reranked to O from E; system drilled second well	1998	\$113,000
	O	C	35	SOUTH KERN MUTUAL WATER COMPANY	1500344 001	Call S.A. Camp Pump Co. and have them fix it. OTHER - Design and Construction	2002	\$250,000
	O	C	33	HRC C.S.D.	0800556 001	Build storage tank and install larger distribution line to replace old line. Provide fire hydrants.	1998	\$250,000
	O	C	32	SOUTH DESERT MUTUAL WATER COMPANY	1502619 001		1998	\$10,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	C	31	NORTHWOODS MUTUAL WATER SYSTEM	0400003 003	Replace existing distribution system mains.	1998	\$10,000
	O	C	31	TILLIE CREEK KITTY WATER	1502280 001	NEW STORAGE TANKS AND FILTRATION SYSTEM	1998	\$20,000
	O	C	30	VASAVADA, R C	3901213 001	THEY ASK FOR TREATMENT; HOWEVER, CONNECTION WITH LARGE SYSTEM MUST BE EXPLORED FOR FEASIBILITY (PREFERRED). OTHER = DESIGN AND CONSTRUCTION	1998	\$30,000
	O	C	30	BLYTHE MOBILE HOME ESTATES	3301045 001	Install water meters. (System has one 4" well & 220 gal pressure tank to serving 23 connections. County reports that system is rent controlled and needs to present cost issues to the Rent Control Board for review.))	2002	\$12,000
	O	C	29	COUNTRY INN, THE	2800683 001	Install back well or additional storage and treatment for hard water.	1998	\$40,000
	O	C	27	WINTERHAVEN MOBILE ESTATES	1900961 001	Remove and construct new reservoir.	2000	\$80,000
	O	C	25	PAPPAS & COMPANY (FARM HOUSING)	1009039 001	INSTALL NEW TURBIDITY AND CHLORINE ANALYZERS, AND AN AUTO DIALER. ENCLOSE THE PLANT.	1998	\$29,000
	O	C	25	FRUITVALE MOBILE HOME PARK	1500376 001		2003	\$25,000
	O	C	9	Clearwater Mutual Water Company	1700546 002	Install new clarifier and filter and larger storage tank.	2003	\$225,000
	O	C	0	THREE VALLEYS MWD	1910041 001	INSTALL A REGIONAL NITRATE REMOVAL PLANT.	1998	\$5,000,000
	O	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053 002	PROVIDE TWO CHLORINE SCRUBBERS	1998	\$200,000
	O	C	0	Kern County Water Agency	1510040 001	INCREASE CAPACITY OF EXISTING PIPELINE BY REDUCING PUMPING HEAD.	1998	\$750,000
	O	C	0	ANTELOPE VALLEY-EAST KERN WATER AGENCY	1910045 003	PROVIDE CHLORINE SCRUBBERS TO 3 LOCATIONS.	1998	\$300,000
	O	C	0	UNITED WTR CONS DIST	5610046 002	Develop groundwater guardian program to promote well head protection by involving all affected parties including agriculture, urban interests and the public.	1998	\$50,000
	O	C	0	LOPEZ PROJECT	4010022 002	Study, develop an engineered solution to problem and construct same.	1999	\$150,000
	O	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 002	Replace the pipelines or install small diameter pipelines inside.	1999	\$20,000,000
	O	C	0	ANTELOPE VALLEY E KERN WTR AGY	1510053 001	EXPAND EXISTING PLANT OR INTERCONNECT WITH EXISTING NEARBY PLANT FOR INCREASED CAPACITYAND RELIABILITY. OTHER - DESIGN AND CONSTRUCTION	2000	\$7,300,000
	O	P	5100	Mather Field Water System	3410706 003	Rehabilitate water system mechanical and electrical facilities.	1998	\$85,000
	O	P	5100	Mather Field Water System	3410706 006	Design and construct a 500,000 gallon storage tank and booster station.	1998	\$500,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 002	Install assemblies and meters	1998	\$40,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 001	Install safety devices	1998	\$20,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	P	2200	Inland Valley Development Agency- Norton	3610704 003	Locate service laterals and install backflow devices to protect system	1998	\$148,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 005	Install overflows, clean and inspect storage facilities	1998	\$168,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 010	Remediate standby equipment	1998	\$20,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 008	Installation of backflow devices	1998	\$33,000
	O	P	2200	Inland Valley Development Agency- Norton	3610704 011	Construct mainline, inspect and repair storage facilities	1998	\$300,000
	O	P	830	PLANADA SCHOOL	2400066 001	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$50,000
	O	P	500	Field Sports Park/Mariposa Lodge/Coyote	4300937 001	Construct structure at well site and install meters to FSP and Mariposa.	1998	\$8,000
	O	P	500	CHATOM SCHOOL	5000101 001	REPLACE WATER TANK.	1998	\$195,000
	O	P	500	CAVANAUGH GOLF COURSE	3400104 001	Replace gavanized casing with stainless steel.	2000	\$80,000
	O	P	500	MEADOWS UNION SCHOOL	1300554 001	Replace with new water system, 10K. Storage with a minimum of 10GM.	2001	\$75,000
	O	P	500	COUNTY FAIRGROUNDS	4400725 001	replace aged water tanks, upgrade or replace two wells	2002	\$200,000
	O	P	485	TEHACHAPI CHURCH OF THE NAZARENE	1502753 001	Interconnect to another public water system or provide adequate disinfection contact time.	2000	\$100,000
	O	P	425	Wright Elementary School	4900694 001	Connect	2005	\$400,000
	O	P	400	BITNEY SPRINGS LLC / SERRA CORPORATION	2900563 001	Replace two 10,000 gallon poly tanks, or construct new steel tank on site	2002	\$50,000
	O	P	350	DILLARD ELEMENTARY SCHOOL	3400254 001	Replace and streamline plumbing. Replace backflow prevention device.	1998	\$12,500
	O	P	300	ISLAND UNION SCHOOL	1600017 001	REPLACE UNADEQUATE POWER PANEL, DRILL NEW WELL, REPLACE EXISTING DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$50,000
	O	P	280	Geyserville Educational Park	4900705 001	Replace chlorinator	2003	\$60,000
	O	P	235	Richmond Elementary School	1800573 001	Improve minor system deficiencies.	1998	\$0
	O	P	200	Pleasant Grove Elem. School	5100143 001	Repair and replace in-ground drinking water lines.	1998	\$5,000
	O	P	200	CAMP JONES GULCH	4100538 001	Drill a new well to increase the recovery time and volume of the system.	1998	\$20,000
	O	P	180	Marcum Illinois Elementary School	5100140 001	New pump and lines would correct problems and provide for increased use.	1999	\$7,000
	O	P	155	CRESSEY SCHOOL	2400097 001	CONSTRUCT A NEW DEEPER WELL.	1998	\$25,000
	O	P	134	Leggett Valley School	2300785 002	Rehab well, new well pump, new Fe & Mn treatment system	2001	\$25,000
	O	P	120	Nuestro School	5100142 001	Design and replace piping, fittings, and valves from the wellhead to storage tank to main outlet source.	1998	\$5,000
	O	P	120	Fouts Springs Youth Facility	0600041 002	Replace Pipeline	2003	\$450,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	P	100	PLAINSBURG ELEMENTARY SCHOOL	2400065 001	DESIGN AND DRILL A NEW WELL.	1998	\$40,000
	O	P	100	HOLT UNION ESD-HOLT SCHOOL	3901374 001	TREATMENT TO BRING WATER INTO COMPLIANCE WITH SECONDARY STANDARDS	1998	\$100,000
	O	P	90	MULBERRY UNION SCHOOL	1300556 001	We propose to analyze the water, and design a system to filter and purify it to meet standards.	1998	\$100,000
	O	P	90	COLEVILLE HIGH SCHOOL	2600570 001	Construct new main for irrigation system	1998	\$80,000
	O	P	70	TOT TOWN CHRISTIAN PRESCHOOL	1503256 001	CONSOLIDATE WITH CALIFORNIA WAER SERVICE	1998	\$10,000
	O	P	70	Saint Anthony Farm	4900944 001	Separate the dairy tank from the potable system & install new Cl2 equipment	2003	\$2,500
	O	P	69	Casterlin School	1200546 002	Install filtration with increased capacity.	1998	\$70,000
	O	P	60	Quartz Valley School	4700847 001	Relocate old pressure tank and other components to location of new components, and possibly replace old pressure tank with new one.	1998	\$1,500
	O	P	50	ST. PAUL'S LUTHERAN DAY CARE	2400176 001	CONNECT TO THE CITY OF MERCED'S WATER SYSTEM.	1998	\$50,000
	O	P	50	MJUSD-South Fork Elementary School	2500514 001	Redesign and build wellhead to raise it above grade to reduce potential for contamination. Add water treatment to system to remove hard water and eliminate calcium deposits.	1998	\$21,895
	O	P	50	MERCED ADVENTIST SCHOOL	2400148 001	CONNECT TO THE CITY OF MERCED WATER SYSTEM.	1998	\$50,000
	O	P	50	Hansen Roofing Tile	4810016 001	Purchase and installation of State approved point of entry water treatment devices for every business and 1 residence or purchase of water treatment capacity from City of Fairfield.	2000	\$300,000
	O	P	48	Kneeland School	1200817 001	Purchase a new pump.	1998	\$2,500
	O	P	40	DEEP SPRINGS COLLEGE	1400068 004	Install new treatment system	1998	\$10,000
	O	P	40	Lake Perris SRA	3310302 002	Hire outside certified backflow repair and test contractor to repair, replace, and test.	1998	\$13,500
	O	P	40	HHW&P-Early Intake Cpd-SFPUC	3810006 001	Install membrane filtration system with appurtenant facilities.	1999	\$100,000
	O	P	25	CUYAMA LANE WATER COMPANY	4000598 001	Upgrade the entire water system & replace leaking hydrants	1998	\$100,000
	O	P	25	PETE JOHNSTON GM	4000692 001	Replace tanks, replace well liner and install ozone system	1998	\$9,585
	O	P	25	SAN MATEO COUNTY MEMORIAL PARK	4100536 001	Construct new water main. Feasibility study to consolidate water systems.	1998	\$100,000
	O	N	2926	NORTHGATE 880	3400173 001	Construct a 500,000 gallon water storage tank. Involves design and construction.	1998	\$500,000
	O	N	2926	NORTHGATE 880	3400173 002	Construct a new 1,200 gpm well and chlorine treatment system. Involves design and construction.	1998	\$200,000
	O	N	462	KERN VALLEY AIRPORT	1502327 001	CONNECT TO KERN RIVER VALLEY WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	1998	\$141,750
	O	N	450	Lighthouse Marina Complex	3410035 001	Install new filter, new lines and new tanks.	1998	\$45,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	N	350	KERN CO P&R-TEHACHAPI MT PARK WATER	1502325 001	REPLACE BOTH TANKS	1998	\$120,000
	O	N	350	Caltrans-Hillcrest SRRA	4500283 001	Install commercial filtration system.	1998	\$20,000
	O	N	300	HUNTINGTON PINES MUTUAL	1000051 001	DRILL SECOND WELL FOR BACK-UP. DISCONNECT WELLS TO DISTRIBUTION SYSTEM AND CONNECT THEM TO THE STORAGE TANK	1998	\$35,000
	O	N	250	DE BENNEVILLE PINES INC	3600534 002	Refinance reservoir repairs	1998	\$15,000
	O	N	250	BERKELEY CAMP	5500136 001	INSTALL AUTOMATED BACKWASH SYSTEM, PLANT SHUTDOWN AND ALARM SYSTEMS.	1998	\$41,000
	O	N	250	OLD BALDY COUNCIL BSA	3600589 001	Construct new reservoir	1999	\$150,000
	O	N	250	KERN VALLEY MOOSE LODGE #498	1502429 001		2002	\$26,000
	O	N	250	DE BENNEVILLE PINES INC	3600534 003	Drill a replacement well	2003	\$30,000
	O	N	225	BSA-Camp Fleischman W.S.	3200076 001	Replace water transport line and storage tank.	2003	\$250,000
	O	N	215	BARSTOW CALICO KOA	3600409 001	Construct new well	1998	\$10,000
	O	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058 002	CONSRUCT A 80,000 GALLON STORAGE TANK.	2000	\$60,000
	O	N	165	MUSICK CREEK TRACT ASSOCIATION	1000058 003	INSTALL A SEPARATE INLET PIPE FROM THE WELLS TO THE STORAGE TANKS.	2001	\$50,000
	O	N	160	CAMP SEQUOIA/GAINES WATER SYS	1000130 001	Drill new well and tie it in to existing system.	2003	\$20,000
	O	N	125	BIG ROCK CREEK CAMP	1900008 001	FUNDS WOULD BE USED TO MAKE SYSTEM OPERATIONAL.	1998	\$450,000
	O	N	118	LAKE MORENA TRAILER RESORT	3701760 001	Would like to be on list.	1998	\$0
	O	N	100	GIBSON RANCH COUNTY PARK	3400297 001	Upgrade wells' double check valves, install new backflow preventers, and replace chlorine gas treatment to liquid Hypochlorite treatment.	1998	\$25,000
	O	N	100	Conservation Endowment Fund	5601306 001	Upgrade (new) pipe, possible filter treatment system	1998	\$15,000
	O	N	100	Joseph Grant County Park	4300737 001	Install water meters in system.	1998	\$3,500
	O	N	100	FCPR/KEARNEY PARK	1000094 001	INSTALL A CHLORINATION SYSTEM AND A 10,000 GALLON PRESSURE TANK.	1999	\$45,000
	O	N	80	Golden Valley Camp	0300667 001	DRILL NEW WELL	1998	\$10,000
	O	N	75	CAMP CONDOR	1502307 001	An old well and pump existed many years ago on the property. West Side Recreation and Parks District would like to update the pump, well, and run a new water line to the existing tank.	2003	\$85,000
	O	N	50	HOGBACK ISLAND FISHIND ACCESS	3400299 001	Construct new chlorine treatment unit.	1998	\$10,000
	O	N	50	ELKHORN BOAT LAUNCHING	3400123 001	Replace existing chlorination system.	1998	\$5,000
	O	N	50	TURTLE ROCK COUNTY PARK	0202519 001	Design and install a new 15,000 gallon steel tank meeting current AWWA standards.	1998	\$24,000
	O	N	40	GARDEN INN	5400692 001	Connection to City water	2000	\$70,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	N	30	SNOW SUMMIT SKI CORP	3600707 001	Design and construct new facilities	1999	\$300,000
	O	N	26	LA GRANGE PARK	5000239 001	REPAIR OR REPLACE SECONDARY SUBMERSIBLE PUMP. INCREASE STORAGE CAPACITY, REPLACE ELECTRICAL SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$25,000
	O	N	26	WOODWARD RESERVOIR WATER SYSTEM	5000165 001	REPLACE WELL PUMP AND ELECTRICLA COMPONENTS. REPLACE/IMPROVE CHLORINATION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	1998	\$35,000
	O	N	26	FRANK RAINES PARK	5000243 001	NEED ELECTRICITY TO ALTERNATE WELL SITE. INSTALL PUMP, FILTRATION, PIPING AND OTHER ELECTRICAL. OTHER = DESIGN AND CONSTRUCTION.	1998	\$75,000
	O	N	26	BASSO BRIDGE FISHING/BOATING ACCESS	5000395 001	INSTALL LARGER PUMP, ADDITIONAL STORAGE AND PRESSURE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	1998	\$45,000
	O	N	25	HOLMES ICE & COLD STORAGE	3601041 001	Construct new reservoir and well piping	1998	\$50,000
	O	N	25	EOC WELL - PALM SPRINGS	3301557 001	Necessity to correct fractures to well system caused by natural disaster	1998	\$40,000
	O	N	25	DECKER CANYON YOUTH CAMP	1900831 001	INSTALL AN ADDITION TANK (15,000 GAL)	1998	\$34,000
	O	N	25	Covington Mill - A	5301103 004	Cut a new shelf around 200 to 300 feet using backhoe or small cat. Clean out headgate. Put in new 6-inch PVC pipe	1998	\$12,000
	O	N	25	Covington Mill - A	5301103 001	Replace existing tank with a 53,500 gallon steel water tank.	1998	\$40,000
	O	N	25	Mt. Madonna County Park	4300612 001	Install two water meters at wells.	1998	\$3,500
	O	N	25	Uvas Canyon County Park	4300616 002	Install water meters in system.	1998	\$3,500
	O	N	25	MODESTO RESERVOIR	5000164 001	RE-DEVELOP OR RELOCATE WELL AND INSTALL FILTERING SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION.	1998	\$35,000
	O	N	25	COUNTRY CORNERS	3301946 001	Update system.	1999	\$10,000
	O	N	25	Sawyers Bar County Water District	4700517 001	Rebuild intake.	1999	\$10,000
	O	N	25	HHW&P-O'Shaughnessy Dam Cpd-SFPUC	3810005 001	Filtration system with appurtenent facilities.	1999	\$100,000
	O	N	25	Covington Mill - A	5301103 003	Design and install a water meter on each service connection.	2000	\$20,000
	O	N	25	Kentucky Mine and Museum	4600093 001	Design and improve spring at portal, reconstruct distribution apparatus, construct new distribution line, install tank liner.	2003	\$115,000
	O	N	24	CROWLEY LAKE CAMPLAND	2600503 001	Construct new 120k gal tank, improve well production	1999	\$110,000
	O	S	54	ALEGRIA DOMESTIC MUTUAL WATER	4200731 001	Drill new well for potential build out of system.	1998	\$100,000
	O	S	40	CABIN OWNERS ASSN WS	2701824 001	Drill new well or design/install water treatment system.	2000	\$30,000
	O	S	25	CANNON PARK WATER CO.	2800632 003	Installed dedicated transmission line from the system well to the storage tank. Approximately 300 feet of four inch pipe.	2001	\$25,000
	O	S	24	Oasis Ranch	2400194 001	CONNECT TO THE PLANADA CSD WATER SYSTEM.	1998	\$75,000

Cat	SubCat	Clas	Pop.	WS Name	Project No.	Project Description	FY	Est Costs
E	O	S	0	JAMESBURG MWS	2702253 001	Replace concrete tank with new steel tank (20,000 gallons)	2000	\$10,000
	O	S	0	FOOTHILL WA	2702135 001	Replace aged redwood tanks with new steel tanks (5000 gallons each)	2000	\$10,000

**Total of project(s) in Bond Law Category E = 2900 projects**

**Total Cost for Projects in Category E : \$6,415,432,707**

**Total of projects in Bond Law Project Priority List = 3707 projects**

**Grand Total: \$7,821,630,019**